





Frank and Laurese Katen

WITHDRAWN



ANNUAL REPORT OF  
THE DIRECTOR OF THE MINT

FOR THE FISCAL YEAR ENDED JUNE 30

1942

INCLUDING REPORT ON  
THE PRODUCTION OF THE  
PRECIOUS METALS

## DURING THE CALENDAR YEAR

1941



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*Director of the Mint*

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# ANNUAL REPORT OF THE DIRECTOR OF THE MINT

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TREASURY DEPARTMENT,  
BUREAU OF THE MINT,  
*Washington, D. C., September 1, 1942.*

SIR: In compliance with the provisions of section 253, title 31, United States Code, I have the honor to submit herewith a report covering the operations of the mints and assay offices of the United States for the fiscal year ended June 30, 1942, being the Seventieth Annual Report of the Director of the Mint. There is also submitted for publication in connection therewith the annual report of this Bureau upon the production and consumption of the precious metals in the United States for the calendar year 1941.

## OPERATION OF THE MINTS AND ASSAY OFFICES

### *Institutions of the Mint Service*

During the fiscal year ended June 30, 1942, seven mint institutions were in operation: Coinage mints at Philadelphia, San Francisco, and Denver; assay office at New York, which handles the major portion of the gold imported and exported, and its auxiliary silver bullion depository at West Point; gold bullion depository at Fort Knox, Ky.; mint at New Orleans, conducted as an assay office; and assay office at Seattle. The two last-named institutions are, in effect, bullion-purchasing agencies and also serve the public by making assays of ores and bullion. Electrolytic refineries are maintained at the New York, Denver, and San Francisco institutions.

The mint at New Orleans, originally established in 1835, was discontinued as of June 30, 1942. The appropriation granted for operation of the mints and assay offices during the fiscal year 1943 did not provide funds for operation of the New Orleans Mint.

### *Coinage*

Domestic coin manufactured during the fiscal year ending June 30, 1942, amounting to 2,114,890,662 pieces, exceeded the production of any previous fiscal year in the history of the Government. The nearest approach to this production was 1,599,349,007 pieces in the fiscal year 1941; and during the fiscal year 1940, 768,090,830. As in previous years, the coin most largely produced was the 1-cent piece. The production in 1942, in amount \$111,006,180.40, consisted of 449,336,162 subsidiary silver coins, \$85,307,259.40; 226,084,400 nickel coins, \$11,304,220; and 1,439,470,100 bronze coins, \$14,394,701.

Coinage for foreign governments amounted to 281,050,000 pieces, compared with 170,672,500 pieces during the prior year. The foreign coinage consisted of silver and bronze coins for Australia, Netherlands Government, and Peru.

The grand total of domestic and foreign coins made in 1942 amounted to 2,395,940,662 pieces, an increase of 625,919,155 over the prior year.

### *Minor Coinage Alloys*

Manufacture of the nickel-copper 5-cent coin was discontinued in May 1942 by reason of the need of those metals for other uses in connection with the war effort. The Second War Powers Act, 1942 (March 27, 1942) contained provision for a 5-cent coin of half silver and half copper, with authority to vary those proportions and to add other metals if in the public interest. An effect of this law would be to save for war use all the nickel and one-third the copper contained in the alloy previously used—25 percent nickel and 75 percent copper. A satisfactory alloy for the 5-cent coin—one that would produce a coin acceptable for operating the many vending and slot machines in use, as well as for other purposes—had not been determined upon at the end of the fiscal year.

At the end of the year consideration was also being given the subject of substitutes for the alloy in the 1-cent coin—95 percent copper, 5 percent tin and zinc, and to other measures for conserving, for war use, metals heretofore used in manufacture of coin.

### *Bullion Deposit Transactions*

The number of bullion deposit transactions during the year totaled 35,521, including 83 inter-mint-service transactions, as compared with 48,147 and 75, respectively, during the prior year. The deposit transactions required 52,406 assay determinations, which compares with 74,716 assay determinations during the prior year.

### *Transfer of Bullion for Long-Term Storage*

Refined gold bullion having a value of approximately \$1,004,500,000 was transferred during the fiscal year 1942 from the New York Assay Office to the bullion depository at Fort Knox, and approximately \$1,189,900,000 in refined, and unrefined, gold bullion was transferred from the mint at San Francisco to the mint at Denver for long-term storage.

The balance of silver bullion in the bullion depository at West Point remained unchanged at 1,542,697,791 fine ounces, all of which was transferred from Government buildings and rented quarters in New York City since completion of the depository in 1938.

Silver bullion, in quantity 4,817,828 fine ounces, was delivered in June 1942 to the Defense Plant Corporation under the terms of a contract dated May 6, 1942, providing (in effect) for loan of about one billion ounces of silver to be used as a substitute for copper or other strategic materials in plants that are engaged in, or are essential to, the war effort. Its principal use is understood to be in busbars, for transmission of electric current. This silver is to be returned to Treasury custody under the terms of the contract, after it has performed its function.

### *Gold Operations*

Gold acquisitions by the mints and assay offices during the year, stated on the usual basis of classified melted receipts, amounted to

\$664,440,587; receipts from other Treasury offices of domestic coin melted during the year amounted to \$470,600; and transfers between mint-service institutions amounted to \$2,226,584,768. These transactions total \$2,891,495,955, compared with \$12,938,276,121 for the prior year.

The acquisitions include \$10,854 of gold received at \$20.67+ per fine ounce. The increment on this gold amounted to \$7,523.

### *Silver Operations*

The Government's acquisitions of silver during the year totaled 122,712,671 fine ounces, at an average cost of 57.2 cents per fine ounce and a total cost of \$70,230,843. The acquisitions consist of the following:

Item	Amount (fine ounces)	Cost
Newly mined domestic silver.....	68,512,907.50	\$48,681,543.77
Purchase Act silver.....	53,414,124.16	21,282,146.90
Silver contained in gold bullion deposits, etc.....	257,495.27	87.582.83
Silver received in exchange for Government-stamped bars.....	528,144.23	179,569.09
Total.....	122,712,671.16	70,230,842.59

United States coin received for recoining totaled 1,828,660 fine ounces, with a recoining value of \$2,527,955. Silver deposited by other governments, for foreign coinage, totaled 7,345,556 fine ounces. Silver transfers between mint-service institutions totaled 4,625,656 fine ounces. These items plus the silver acquired during the year brought the total transactions in silver to 136,512,543 fine ounces, compared with the prior year's total of 273,974,554.

During the year 1942, \$69,934,545 of silver certificates were issued against 54,090,000 fine ounces of silver bullion valued at \$1.29+ per fine ounce, the statutory monetary value of silver. Such silver had been acquired at an average price of 63+ cents per ounce. The difference between the cost of the silver held to secure such certificates and the monetary value of such silver is \$35,458,194, and this amount constitutes seigniorage.

The open-market price of silver in New York (mean of bid and asked) during the fiscal year 1942 averaged \$0.35284. The price remained unchanged at \$0.35062 from July 1, 1941, to November 28, 1941, when it advanced to \$0.35437, which price prevailed, without change, through June 30, 1942.

For newly mined domestic silver a return to the depositor of \$0.7111+ per fine ounce, established by the act of July 6, 1939, prevailed during the fiscal year 1942.

### *Refineries*

The electrolytic refineries produced during the year 7,749,270 fine ounces (265.7 tons) of electrolytically refined gold bullion and 6,272,610 fine ounces (215.1 tons) of silver bullion. During the prior year the quantities produced were 7,508,837 fine ounces (257.4 tons) of gold and 5,073,331 fine ounces (173.9 tons) of silver.

Stocks of unrefined gold and silver bullion in mint institutions decreased during the fiscal year 1942 by approximately 99.5 tons, leaving a total of 2,051.6 tons. There was an increase in 1941 of about 78.1 tons.

#### *Stock of Coin and Monetary Bullion in the United States*

On June 30, 1942, the estimated stock of domestic coin in the United States was \$1,301,639,122, of which \$547,077,254 was standard silver dollars, \$529,814,276 subsidiary silver coin, and \$224,747,592 minor coin.

The stock of gold bullion, including coin, held in the Treasury on the same date was valued at \$22,736,704,552, an increase of \$112,506,840, and the stock of silver bullion was 2,524,328,815 fine ounces, an increase of 33,194,358.

#### *Production of Gold and Silver*

Domestic gold production during the calendar year 1941 was 5,976,419 fine ounces, with a monetary value of \$209,174,600, compared with 6,003,105 fine ounces, with a monetary value of \$210,108,700 in 1940, which was the previous year of largest production.

Domestic silver production during the calendar year 1941 totaled 72,336,029 ounces. This compares with 69,585,734 ounces for 1940 and with the record production of 74,961,075 fine ounces for 1915.

#### *Industrial Consumption of Gold and Silver*

Gold consumption in the industrial arts during the calendar year 1941 is estimated at \$67,977,110. Gold returned from industrial use amounted to \$30,975,490. These items give a net industrial consumption of new gold during the year of \$37,001,620, compared with \$13,306,032 during the calendar year 1940.

Silver used in the arts is estimated at 92,793,574 fine ounces, of which 72,432,318 fine ounces were new material.

Compared with the prior year, there was an increase in gold consumption of approximately 765,700 ounces and an increase in silver consumption in industry of about 25,700,000 ounces.

#### *Appropriations, Expenses, and Income*

Regular appropriations available for the mint service during the fiscal year 1942 totaled \$3,512,840; the First Deficiency Appropriation Act of February 21, 1942, provided \$1,895,900, \$500,000 of which was for special movements of bullion during the fiscal year 1942, to remain available until June 30, 1943; the Third Supplemental National Defense Appropriation Act, 1942, provided \$6,335; and reimbursements to appropriations for services rendered amounted to \$1,107,534.64, making a total of \$6,522,609.64.

Expenses amounted to \$6,294,712, of which \$5,847,733 was chargeable to appropriations and \$446,979 chargeable to income.

The regular income realized by the Treasury from the mint service aggregated \$69,025,597, of which \$65,583,203 was seigniorage. The seigniorage on subsidiary silver coin was \$42,354,043, and on minor

coin, \$23,229,160. Extraordinary income aggregated \$35,465,717, of which \$35,458,194 was seigniorage on silver bullion revalued to \$1.29+ per ounce, and \$7,523 was the increment to \$35 per ounce on revalued gold.

### *General Activities*

The number and value of deposits, transfers, gross income, and expenses for the fiscal year 1942, and number of employees on June 30, 1942, at each institution are shown in the following table:

*Deposits of gold and silver, income, expenses, and employees, by institutions, fiscal year 1942*

Institution	Number of bullion deposit transactions	Number of assay determinations on bullion deposits	Monetary value of gold and silver receipts, including transfers <sup>1</sup>	Gross regular income	Gross expenses	Excess of income (+) or of expenses (-)	Employees, June 30, 1942
Philadelphia	4,258	5,702	\$18,445,203	\$42,676,525	\$2,784,974	+\$39,891,551	958
San Francisco	14,742	16,413	223,177,687	12,300,971	1,399,562	+10,901,409	438
Denver	4,115	6,686	1,260,128,693	12,710,772	1,079,466	+11,631,306	396
New York	8,359	18,971	523,163,950	1,249,344	734,069	+515,275	220
New Orleans	866	866	417,157	4,376	38,926	-34,550	
Seattle	3,181	3,768	26,315,672	83,609	47,457	+36,152	14
Fort Knox			1,004,487,044		76,356	-76,356	36
Total	35,521	52,406	3,056,135,406	69,025,597	6,160,810	+62,864,787	2,062
Bureau of the Mint					133,903	-133,903	50
Grand total	35,521	52,406	3,056,135,406	69,025,597	6,294,713	+62,730,884	2,112
Prior fiscal year	48,147	74,716	13,153,340,866	51,653,974	6,871,718	+44,782,256	2,428

<sup>1</sup> Includes interinstitution transactions, \$2,232,565,414.

### *Domestic Coinage*

Details of coinage executed during the fiscal year ending June 30, 1942, follow:

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces
Silver:					
Half dollars	\$15,876,565.00	\$6,076,000.00	\$6,428,000.00	\$28,380,565.00	56,761,130
Quarter dollars	18,776,752.00	5,186,000.00	5,485,900.00	29,448,652.00	117,794,608
Dimes	15,918,042.40	5,593,000.00	5,967,000.00	27,478,042.40	274,780,424
Total silver	50,571,359.40	16,855,000.00	17,880,900.00	85,307,259.40	449,336,162
Minor:					
5-cent nickels	7,924,220.00	1,439,000.00	1,941,000.00	11,304,220.00	226,084,400
1-cent bronze	10,702,301.00	1,471,700.00	2,220,700.00	14,394,701.00	1,439,470,100
Total minor	18,626,521.00	2,910,700.00	4,161,700.00	25,698,921.00	1,665,554,500
Total domestic coinage	69,197,880.40	19,765,700.00	22,042,600.00	111,006,180.40	2,114,890,662
Prior year:					
Total coinage, value	\$51,679,270.07	\$11,012,850.00	\$12,295,300.00	\$74,987,420.07	
Total coinage, pieces	1,193,923,207.00	187,961,000.00	217,464,800.00		1,599,349,007

*Coinage by the United States for Other Countries*

The coinage for other countries during the fiscal year 1942 totaled 281,050,000 pieces, as compared with 170,672,500 pieces during the prior fiscal year, as follows:

Country	Philadelphia	San Francisco	Total
Australia: Silver.....		15,500,000	15,500,000
Netherlands Government:			
East Indies:			
Silver.....	17,997,000	136,643,000	154,640,000
Bronze.....	100,000,000		100,000,000
Curaçao:			
Silver.....	800,000		800,000
Bronze.....	500,000		500,000
Surinam:			
Silver.....	1,600,000		1,600,000
Bronze.....	1,000,000		1,000,000
Peru: Bronze.....	7,010,000		7,010,000
Total coinage.....	128,907,000	152,143,000	281,050,000
Prior fiscal year, total coinage.....	62,112,500	108,560,000	170,672,500

*Mint Issue of Fine Gold Bars for Industrial Use*

[On value basis; see p. 48]

The value of the fine-gold bars issued for industrial use, in exchange for cash, by the United States Mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the fiscal year 1942, was as follows:

Month	Value of bars issued	Month	Value of bars issued
1941:		1942—Continued.	
July.....	\$27,009.18	March.....	\$94,846.94
August.....	21,207.51	April.....	111,853.83
September.....	35,291.90	May.....	62,291.69
October.....	524,391.96	June.....	579,282.27
November.....	217,155.11	Total.....	1,871,068.75
December.....	69,819.84	Prior fiscal year.....	307,134.36
1942:			
January.....	66,653.34		
February.....	61,260.18		

*Receipts and Disbursements of Gold Bullion and Balances on Hand*

Receipts and disbursements of gold bullion during the fiscal year 1942, and balances on hand June 30, 1942, as compared with June 30, 1941, are shown in the following table:

Institution	Balance on hand June 30, 1941	Receipts during fiscal year 1942 (details below) <sup>1</sup>	Total	Disbursements during fiscal year 1942 (details below) <sup>1</sup>	Balance on hand June 30, 1942
Philadelphia.....	\$6, 870, 207. 97	\$4, 036, 852. 77	\$10, 907, 060. 74	\$3, 921, 044. 24	\$6, 986, 016. 50
San Francisco.....	1, 344, 794, 778. 83	171, 923, 624. 81	1, 516, 718, 403. 64	1, 190, 098, 446. 52	326, 619, 957. 12
Denver.....	4, 502, 757, 505. 52	1, 252, 887, 439. 18	5, 755, 644, 944. 70	27, 524. 14	5, 755, 617, 420. 56
New York.....	2, 187, 483, 307. 14	437, 621, 971. 37	2, 625, 105, 278. 51	1, 564, 633, 989. 23	1, 060, 471, 289. 28
New Orleans.....	205, 180. 24	412, 842. 25	618, 022. 49	618, 022. 49	
Seattle.....	3, 382, 994. 21	26, 121, 209. 43	29, 504, 293. 64	27, 039, 538. 55	2, 464, 755. 09
Fort Knox.....	14, 579, 591, 387. 22	1, 004, 487, 044. 14	15, 584, 078, 431. 36		15, 584, 078, 431. 36
Total.....	22, 625, 085, 361. 13	2, 897, 491, 073. 95	25, 522, 576, 435. 08	2, 786, 338, 565. 17	22, 736, 237, 869. 91

## DETAILED RECEIPTS OF GOLD BULLION

Institution	Deposits (including coin melted)	Surplus bullion (including shipment gains)	Transfers from mints and assay offices	Increments to \$35 per ounce on receipts at \$20.67+	Total
Philadelphia.....	\$3, 046, 800. 61	\$8, 805. 03	\$978, 554. 64	\$2, 692. 49	\$4, 036, 852. 77
San Francisco.....	171, 730, 391. 61	189, 278. 89	1, 750. 00	2, 204. 31	171, 923, 624. 81
Denver.....	35, 272, 769. 78	24, 002. 92	1, 217, 590, 235. 60	430. 88	1, 252, 887, 439. 18
New York.....	434, 056, 745. 36	38, 927. 29	3, 525, 897. 13	401. 59	437, 621, 971. 37
New Orleans.....	411, 486. 63	1, 202. 03		153. 59	412, 842. 25
Seattle.....	26, 116, 952. 62	3, 839. 33	350. 00	157. 48	26, 121, 209. 43
Fort Knox.....			1, 004, 487, 044. 14		1, 004, 487, 044. 14
Total.....	670, 635, 146. 61	266, 055. 49	2, 226, 583, 831. 51	6, 040. 34	2, 897, 491, 073. 95

## DETAILED DISBURSEMENTS OF GOLD BULLION

Institution	Fine and imported bars paid to depositors or sold for cash	Transfers to mints, assay offices, and depository	Gold in sweeps, manufactures, etc., and operating losses	Total
Philadelphia.....	\$388, 920. 03	\$3, 525, 897. 13	\$6, 227. 08	\$3, 921, 044. 24
San Francisco.....	102, 174. 51	1, 189, 930, 924. 56	65, 347. 45	1, 190, 098, 446. 52
Denver.....	15, 704. 33		11, 819. 81	27, 524. 14
New York.....	559, 112, 752. 21	1, 005, 469, 448. 78	51, 788. 24	1, 564, 633, 989. 23
New Orleans.....		618, 022. 49		618, 022. 49
Seattle.....		27, 039, 538. 55		27, 039, 538. 55
Total.....	559, 619, 551. 08	2, 226, 583, 831. 51	135, 182. 58	2, 786, 338, 565. 17

<sup>1</sup> Includes transfers.

*Minor Coins Outstanding*

The following statement shows the coinage of minor coins, by denominations, the amount on hand at the mints, issued, melted, and outstanding June 30, 1942. Minor coins were first manufactured at

the Philadelphia Mint in 1793, at the San Francisco Mint in 1908, and at the Denver Mint in 1911.

Item	Coined	On hand at mints un-issued	Issued	Melted	Amount issued and outstanding June 30, 1942
Copper half cents <sup>1</sup> .....	\$39,926.11		\$39,926.11	\$2.08	\$39,924.03
Copper cents.....	1,562,887.44		1,562,887.44	383,682.81	1,179,204.63
Copper-nickel cents.....	2,007,720.00		2,007,720.00	809,154.01	1,198,565.99
Bronze cents.....	102,468,555.98	\$4,832,180.23	97,636,375.75	2,026,555.86	95,609,819.89
Bronze 2 cents.....	912,020.00		912,020.00	344,115.26	567,904.74
Nickel 3 cents.....	941,349.48		941,349.48	287,989.08	653,360.40
Nickel 5 cents.....	136,322,816.60	1,430,550.00	134,892,266.60	12,017,169.75	122,875,096.85
Total.....	244,255,275.61	6,262,730.23	237,992,545.38	15,868,668.85	222,123,876.53

<sup>1</sup> There is no record of the melting of the old copper half cents, but it is believed that few, if any, are now in circulation.

### *Proof Bullion (1,000 fine)*

In order to maintain uniformity in assay of bullion in the office of the mint service, all proof gold and proof silver are made at one institution and furnished to other institutions when required. Proof gold is made at the New York Assay Office, while the Philadelphia Mint makes proof and inquartation silver. During the fiscal year 1942 other mints and assay offices were furnished 110 ounces of proof gold, 50 ounces of proof silver, and 3,047 ounces of inquartation silver.

### *Operations of the Melting and Refining and of the Coining Departments, Fiscal Year 1942*

The aggregate quantity of metals operated upon in the above-mentioned departments of the coinage mints, and assay office at New York, during the fiscal year ended June 30, 1942, was 22.2 million fine ounces of gold and 268 million fine ounces of silver. There were also operated upon at the coinage mints 613 million ounces of minor coinage metal. The figures in the table following are based on the figures obtained at the settlements of the accounts.

Legal limits of wastage on the whole amount delivered by the superintendent to operative offices, as prescribed in section 355, title 31, United States Code, are as follows: Melter and refiner—gold, 0.001; silver, 0.0015; coiner—gold 0.0005; silver, 0.001.

### GOLD BULLION

Institution	Amount received	Amount returned	Amount operated upon including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
Philadelphia Mint:							
Melting and refining.....	Fine ounces 287,512	Fine ounces 287,657	Fine ounces 79,184	Fine ounces 287	Fine ounces 145		
Coining.....	465	467	313		2		
San Francisco Mint:							
Melting and refining.....	25,950,994	25,955,789	2,074,545	25,951	4,795		
Coining.....		29			29		
Denver Mint:							
Melting and refining.....	12,984,916	12,985,281	2,621,588	12,985	365		
Coining.....		5			5		
New York Assay Office: Melting and refining.....	23,453,995	23,455,056	17,380,014	23,454	1,061		
Total melting and refining.....	62,677,417	62,683,783	22,155,331	62,677	6,366		
Total coining.....	465	501	313		36		
Grand total.....	62,677,882	62,684,284	22,155,644	62,677	6,402		

## SILVER BULLION

Institution	Amount received	Amount returned	Amount operated upon including reworked metal	Legal amount of wastage on amount received	Surplus recovered	Wastage	Wastage per 1,000 ounces operated upon
Philadelphia Mint:							
Melting and refining	90,419,095	90,401,253	73,173,677	135,628	17,842	.2438	
Coining	67,045,731	67,014,054	65,677,267	67,046	31,677	.4823	
San Francisco Mint:							
Melting and refining	594,207,048	594,237,024	38,851,288	891,310	29,976		
Coining	37,235,494	37,225,765	37,067,490	37,235	9,729	.2625	
Denver Mint:							
Melting and refining	27,513,681	27,529,517	25,071,491	41,271	15,836		
Coining	21,001,222	20,999,390	20,246,187	21,001	1,832	.0905	
New York Assay Office: Melting and refining	11,028,455	11,038,371	7,907,423	16,543	9,916		
Total melting and refining	723,168,279	723,206,165	145,003,879	1,084,752	137,886		
Total coining	125,282,447	125,239,209	122,990,944	125,282	43,238	.3515	
Grand total	848,450,726	848,445,374	267,994,823	1,210,034		15,352	.0199

## NICKEL COINAGE METAL

	Gross ounces	Gross ounces	Gross ounces		Gross ounces	Gross ounces
Philadelphia Mint:						
Melting and refining	30,302,848	30,171,594	25,380,306		221,254	8.7175
Coining	42,149,584	42,139,554	34,119,544		10,030	.2039
San Francisco Mint:						
Melting and refining	13,033,323	12,984,178	5,947,837		49,145	8.2626
Coining	7,711,960	7,694,886	7,707,646		17,074	2.2152
Denver Mint:						
Melting and refining	9,810,204	9,788,302	9,810,204		21,902	2.2326
Coining	9,137,181	9,133,995	9,137,181		3,186	.3486
Total melting and refining	53,236,375	52,944,074	41,138,347		292,301	7.1053
Total coining	58,998,725	58,968,435	50,964,371		30,290	.5943
Grand total	112,235,100	111,912,509	92,102,718		322,591	3.5025

## BRONZE COINAGE METAL

	Gross ounces					
Philadelphia Mint:						
Melting and refining	202,428,804	200,992,517	190,903,804		1,436,287	7.5236
Coining	223,748,904	223,645,927	215,802,971		102,977	.4772
San Francisco Mint:						
Melting and refining	25,805,536	25,752,532	21,772,667		53,004	2.4344
Coining	23,725,738	23,721,485	23,719,889		4,253	.1793
Denver Mint:						
Melting and refining	37,301,037	37,227,806	37,301,037		73,231	1.9632
Coining	34,404,315	34,397,493	31,409,333		6,822	.2172
Total melting and refining	265,535,377	263,972,855	249,977,508		1,562,522	6.2506
Total coining	281,878,957	281,764,905	270,932,193		114,052	.4210
Grand total	547,414,334	545,737,760	520,909,701		1,676,573	3.2185

<sup>1</sup> Net.

Refined issue-bars manufactured, fiscal year 1942

[On value basis; see p. 48]

Institution	Gold bars			Silver bars	
	Number	Fine ounces	Value	Number	Fine ounces
Philadelphia	190	11,161	\$390,635	18	2,948
San Francisco	12,327	4,943,247	173,013,645	1,442	17,664
Denver	4,142	2,164,922	75,772,270		
New York	41,014	15,427,535	539,963,725	3,958	2,003,676
Total	57,673	22,546,865	789,140,275	5,418	2,024,288

*Sweeps cellar operations, fiscal year 1942 (includes crushed, discarded melting pots, etc.)*

Source	Institution	Material (quantity)		Metal content			
		Bags	Net avoirdupois	Bars recovered		Tailings	
				Gold	Silver	Gold	Silver
Melting department	Philadelphia	Number	Pounds	Fine ounces	Fine ounces	Fine ounces	Fine ounces
Refinery	San Francisco	83	8,300	104.308	27,853.38	87.591	19,013.72
Do	Denver	618	44,216	340.452	1,366.98	1,320.581	3,965.49
Do	New York	1,064	82,442			423.542	3,626.94
Coining department	Philadelphia	1,546	124,207			2,079.535	5,323.27
Do	Denver	32	3,200			1.574	1,615.90
Deposits division	Philadelphia	12	873			5.361	233.89
Do	Philadelphia	25	2,500			304.156	813.93
Do	Denver	184	15,714			106.703	253.20
Do	New York	241	15,008			277.656	360.20
Total		3,805	296,460	444.760	29,220.36	4,606.699	35,206.54

### Bullion Gains and Losses

The net gains from operations on gold and silver bullion during the fiscal year 1942 amounted to \$284,915.88, as follows:

Item	Mint at—			Assay office at New York	Minor Assay offices	Total
	Philadelphia	San Fran-cisco	Denver			
Recovered from refining and coining operations	\$5,122.43	\$180,308.69	\$18,848.06	\$41,594.64	-----	\$245,873.82
Recovered incident to receipt of bullion deposits	2,564.12	6,718.15	7,987.80	49,176.55	\$12,743.75	79,190.37
Gains on lightweight and mutilated coins received for recoinage	19.01	25.03	7.29	.22	-----	51.55
Gain on bullion shipments (net)					1,231.03	1,231.03
Total gains	7,705.56	187,051.87	26,843.15	90,771.41	13,974.78	326,346.77
Wasted in refining and coin ing operations	37,020.87	3,729.79	680.23	-----	-----	41,430.89
Net gains	129,315.31	183,322.08	26,162.92	90,771.41	13,974.78	284,915.88

<sup>1</sup> Net loss.

### Wastage of Coinage Metal and Loss on Sale of Sweeps

The value of metals wasted in the operative departments during the fiscal year ended June 30, 1942, was \$54,312.93. A loss of \$5,027.18 occurred from the difference between the assay value of the bullion

contained in sweeps sold and the amount received for the same. Details are given in the following table:

Item	Mint at—			Assay Office at New York	Total
	Philadelphia	San Francisco	Denver		
Silver wastage: Coining department-----	\$23,179.67	\$3,729.79	\$680.23	-----	\$27,589.69
Nickel wastage:					
Melting and refining department-----	5,612.32	500.41	271.01	-----	6,383.74
Coining department-----	254.41	173.86	39.42	-----	467.69
Bronze wastage:					
Melting and refining department-----	17,520.91	452.78	615.85	-----	18,589.54
Coining department-----	1,188.57	36.33	57.37	-----	1,282.27
Loss on sale of sweeps-----	1,574.25	2,257.29	1,000.66	\$194.98	5,027.18
Total wastage and loss-----	49,330.13	7,150.46	2,664.54	194.98	59,340.11
Reimbursements:					
Nickel and bronze wastage on domestic coin, from minor coinage profits-----	24,576.21	1,163.38	983.65	-----	26,723.24
Silver departmental wastage offset by other departmental surpluses-----	5,122.43	3,729.79	680.23	-----	9,532.45
Other wastages and loss on sweeps, from appropriations-----	19,631.49	2,257.29	1,000.66	194.98	23,084.42
Total reimbursements-----	49,330.13	7,150.46	2,664.54	194.98	59,340.11

### Employees

The total number of officers and employees of the Mint Service on June 30, 1942, was as follows:

Institution	Established under act of—	Employees, by departments							Total			
		General										
		Miscellaneous	Guards	Custodial	Other	Mechanical	Deposits division	Engraving	Assaying	Coining	Melting and refining	
Bureau of the Mint-----	Feb. 12, 1873	50	—	—	—	—	—	—	—	—	50	53
Philadelphia Mint-----	Apr. 2, 1792	66	69	39	85	20	18	12	476	173	958	1,207
San Francisco Mint-----	July 3, 1852	82	22	2	31	25	—	19	168	89	438	487
Denver Mint-----	Apr. 21, 1862	26	39	6	31	8	—	10	139	137	396	392
New York Assay Office-----	Mar. 3, 1853	30	38	15	10	38	—	25	—	49	205	208
West Point Depository-----	June 22, 1936 <sup>2</sup>	14	1	—	—	—	—	—	—	—	15	14
New Orleans Mint-----	Mar. 3, 1835	—	—	—	—	—	—	—	—	—	—	10
Seattle Assay Office-----	May 21, 1898	4	2	—	—	4	—	4	—	—	—	14
Fort Knox Depository-----	Aug. 13, 1935 <sup>2</sup>	3	29	4	—	—	—	—	—	—	36	38
Total 1942-----		261	213	67	157	95	18	70	783	448	2,112	—
Total 1941-----		242	207	62	150	104	15	80	934	634	—	2,428

<sup>1</sup> Conducted as an assay office since 1910. Discontinued June 30, 1942. The appropriation granted for operation of the mints and assay offices during the fiscal year 1943 did not provide funds for operation of the New Orleans Mint.

<sup>2</sup> Allotment made from a lump construction appropriation.

### Assay Commission's Annual Test of Coin for 1941

Section 363, title 31, United States Code, provides for an annual test of the domestic coinage executed during each calendar year by a commission, of whom part are ex officio members, the others, who serve without compensation, being appointed by the President. The

purpose is to secure a due conformity in the gold and silver coins to their respective standards of fineness and weight. The Commission, which met at the Philadelphia Mint February 11, 1942, reported the following results of their examination of the 1941 coinage:

In accordance with section 3539 of the Revised Statutes, your committee on counting reports that the packages said to contain the pieces reserved by the several mints for the trial of coins were delivered to us by the Superintendent of the Mint at Philadelphia. Verification of the coins reserved were made by checking same against the original record of coin deliveries and reservations for assay in respect to the Philadelphia Mint, and against transcripts furnished the committee showing reservations for assay from the Denver and San Francisco Mints.

A substantial number of packages were selected from the deliveries of each month of all denominations coined, and the coins contained therein were counted and found to agree with the number designated on each envelope.

The committee on assaying has completed the assays on samples taken from the different lots of coin, representing all denominations of silver coined during the calendar year 1941 by the United States Mints at Philadelphia, San Francisco, and Denver.

No gold was coined at any of the mints during the year 1941.

The results of assays upon coins and mass melts of coins are satisfactory, being well within the legal limits of tolerance, which is three one-thousandths for silver coin.

The highest and lowest assays on individual silver coins were as follows:

	Highest	Lowest
Philadelphia Mint-----	900.8	898.6
San Francisco Mint-----	900.4	898.9
Denver Mint-----	900.6	898.6

Mass melts:

Philadelphia Mint-----	899.5
San Francisco Mint-----	899.3
Denver Mint-----	899.1

The committee on weighing reports that it has weighed a total of 146 coins, comprising 96 coins from the Philadelphia Mint, 27 coins from the Denver Mint, and 23 coins from the San Francisco Mint. These coins were selected at random; however, with respect to the number of coins selected, an effort was made to proportion the selections from the several mints approximately according to their total productions, and to proportion the selections of the three denominations of coins minted approximately according to the production of each denomination at each mint.

The coins were weighed directly against a set of coin weights and grain weights tested and certified by the National Bureau of Standards and delivered under seal to the chairman of the committee on weighing, values of less than 0.1 grain being determined by means of the rider weights on the beam of the balance. Before any weighings were made, the balance used in the weighings was tested for sensitiveness and equality of arms and for the accuracy of its rider indications, and it was found to be well suited to the weighing of the coins to the desired precision of 0.01 grain.

The weights of all coins weighed were determined to a precision of 0.01 grain, and all individual deviations from nominal values were found to be within the legally established tolerances.

The following table shows the deviations from the standard values of the heaviest and lightest coins of each denomination from each mint as determined from the individual weighings:

Denomination	Legal deviation allowed	Actual deviation							
		Philadelphia		Denver		San Francisco			
		Heavy	Light	Heavy	Light	Heavy	Light		
1941	Grains	Grains	Grains	Grains	Grains	Grains	Grains		
Half dollar	1.5	0.88	0.66	0.27	0.71	1.35	0.01		
Quarter dollar	1.5	0.82	0.79	0.18	0.72	0.80	0.85		
Dime	1.5	0.53	0.74	0.74	0.38	0.64	0.39		

Considering the entire group of 146 coins weighed, it was found that the average deviation with regard to sign was 0.033 grain; that is, the difference between the total excess of the heavy coins and the total deficiency of the light coins represented an average of 0.033 grain per coin. The average deviation without regard to sign was 0.294 grain.

The foregoing report, covering the operations of the mints and assay offices of the United States for the fiscal year ending June 30, 1942, is respectfully submitted.

NELLIE TAYLOE ROSS,  
*Director of the Mint.*

Hon. HENRY MORGENTHAU, Jr.,  
*Secretary of the Treasury.*



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REPORT OF THE DIRECTOR OF THE MINT ON THE  
PRODUCTION AND CONSUMPTION OF GOLD AND  
SILVER IN THE UNITED STATES DURING  
THE CALENDAR YEAR 1941

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# REPORT ON PRODUCTION AND CONSUMPTION OF GOLD AND SILVER IN THE UNITED STATES DURING THE CALENDAR YEAR 1941

## INTRODUCTION

The official estimate of the production of gold and silver in the United States is made by the Bureau of the Mint with the cooperation of the Bureau of Mines, the latter making a mine canvass in each State and the former working backward from mint deposits through refineries, smelters, and other reduction works to the mine production estimate made by the former. The official estimate represents the material received at mint service offices and private refineries. The difference between this estimate and the mine production estimate is almost entirely due to the time element involved in the reducing processes, since differences for series of years are shown by comparison to practically offset each other. The two systems thus verify and support each other.

The gold production of the United States, including its insular dependencies, for the calendar year 1941 is estimated to have been 5,976,419 fine ounces, valued at \$209,174,600, and the production of silver as estimated at 72,336,029 fine ounces, valued at \$51,438,954. A comparison of these figures with those of 1940 indicates about 27,000 fine ounces decrease in production of gold and approximately 2,750,000 ounces increase in silver production.

California maintained in 1941 its position of being the State of largest gold production, with 1,431,637 ounces. The Philippine Islands, about 1,144,000 ounces; Alaska, 696,000, and South Dakota, 612,000, followed, in order. South Dakota made the largest increase over the prior year, by about 25,000 ounces, with Utah 20,000 ounces and Arizona and Colorado 18,000 ounces each. The largest decrease occurred in Alaska, about 59,000 ounces, with Montana, 21,000 ounces, and Oregon, 18,000 ounces.

The State of largest silver production in 1941 was Idaho, with about 17,000,000 ounces; Utah, 13,000,000, and Montana, 12,700,000 followed, in order. The largest increase over 1940 production occurred in Arizona, about 1,580,000 ounces, Utah ranking second, 1,375,000 ounces. The largest reduction occurred in Colorado, about 740,000 ounces.

A brief review of mining conditions, for which acknowledgments are made to the United States Bureau of Mines, follows. The production figures therein differ, as explained above, from the Bureau of the Mint production estimates. Further information concerning same can be obtained by those interested by addressing the Bureau of Mines at Washington.

## ALASKA

The production of gold from ores and gravels in Alaska in 1941 was 695,467 fine ounces, valued at \$24,341,345, which has been exceeded

only once (by the peak year of 1940), according to Charles W. Henderson and A. J. Martin, United States Department of the Interior, Bureau of Mines.

As there are no smelters or refineries in Alaska, the bulk of the gold produced in 1941 was in the form of bullion and dust sent to the United States mints and assay offices, either direct or through banks and bullion buyers located at the large centers throughout Alaska. The rest was contained in high-grade ores and concentrates sent to the Selby (Calif.), and Tacoma (Wash.) smelters.

Forty-seven floating connected-bucket dredges produced 44 percent of the total gold output. The United States Smelting, Refining & Mining Co., operating eight dredges at Fairbanks and four at Nome, was the largest producer of gold from this source in the Territory.

Seven hundred fifty-two placer mines worked by dragline and dry-land dredges, bulldozers and hydraulic giants, drifting, and sluicing together yielded 27 percent of the total gold in 1941.

Fifty-six lode mines produced 29 percent of the total Alaska output of gold. The Alaska Juneau Gold Mining Co., at Juneau, continued to be the largest producer of lode gold, and the Alaska-Pacific Consolidated Mining Co., operating in the Willow Creek District, was second. Ore-reduction mills active in Alaska in 1941 included the 12,000-ton Alaska Juneau amalgamation-table concentration-flotation mill and about 45 other mills (chiefly amalgamation or cyanidation mills, with supplementary concentrating equipment) with reported daily capacities ranging from 2 to 72 tons. Of the 4,480,508 tons of crude ore produced, over 99.99 percent was dry and siliceous ore, and only 0.003 percent was copper ore.

The output of silver, 191,522 fine ounces, valued at \$136,193, was produced as a byproduct of gold mining in 1941. Lode mines produced 65 percent of the total, dredges 20 percent, and placers 15 percent.

The total production of gold and silver in Alaska, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1880 to the end of 1941, has been 25,152,030 fine ounces of gold valued at \$593,335,652 and 19,562,668 fine ounces of silver valued at \$13,915,671.

## ARIZONA

The value of the production of gold, silver, copper, lead, and zinc from mines in Arizona was \$97,638,310 in 1941 compared with \$82,167,759 in 1940—an increase of 19 percent; it was the greatest since 1929, when the total value was \$155,567,133, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. There were substantial increases in both quantity and value of each of the five metals in 1941. The total value of the gold was \$11,038,720, a 7-percent gain over 1940, and silver \$5,332,096, a 6-percent gain. The value of the gold production represented 11 percent of the State total, silver 5 percent, copper 79 percent, lead 2 percent, and zinc nearly 3 percent. The total value of metals recovered from copper ore was \$84,957,995 in 1941 or 87 percent of the State total. The output of placer gold (11,931 fine ounces) was the largest for any year since records were established in 1901 and resulted chiefly from the operations of two dragline floating dredges in Yavapai County.

The output of recoverable gold in Arizona in 1941 was 315,392 fine ounces, an increase of 7 percent over 1940. Gold from siliceous ores (chiefly dry and siliceous gold ore) and zinc-lead ore was virtually the same as in 1940, but gold from copper ore increased 13,778 ounces and that from lead ore 1,234 ounces. Gold from placers increased 5,690 ounces; 84 percent of the total placer gold was recovered by dragline dredging at properties on Big Bug Creek and Lynx Creek in Yavapai County. Siliceous ores yielded 46 percent of the State total gold, copper ore 45 percent, and zinc-lead ore 4 percent. Gold recovered from ores amalgamated amounted to 887 ounces, from ore and old tailings cyanided 77,627 ounces, from concentrates smelted 114,974 ounces, from crude ore sent direct to smelters 109,972 ounces, and from placers 11,931 ounces. The chief gold-producing districts in Arizona were the Warren (mostly copper ore), San Francisco (nearly all gold ore), Ajo (copper ore), Verde (mostly copper ore), Old Hat (nearly all gold ore), Weaver (Yavapai County) (gold ore), and Big Bug (mostly zinc-lead ore and placer gold). The Copper Queen (Bisbee) branch of the Phelps Dodge Corporation continued to be the leading gold producer in Arizona, and it was followed by the New Cornelia mine in Pima County, the Mammoth-St. Anthony Limited property in Pinal County, the Goldroad mine (United States Smelting, Refining & Mining Co.) in Mohave County, and the United Verde mine in Yavapai County. These five properties produced more than 58 percent of the State total output. Other large gold producers were the Magma mine in Pinal County, the Octave mine (American Smelting & Refining Co.) in Yavapai County, the Shattuck Denn mine in Coehise County, the Iron King mine in Yavapai County, the Tyro mine (Gold Standard Mines Corporation) in Mohave County, and the Congress property in Yavapai County.

The total gold production in the State of Arizona from 1860 to 1941, inclusive, in terms of recovered metals, has been 10,174,289 ounces.

The output of recoverable silver in Arizona in 1941 was 7,498,260 fine ounces—an increase of 6 percent over 1940. Silver from siliceous ores declined 182,504 ounces and that from zinc-lead ore 48,992 ounces, but silver from copper ore increased 542,672 ounces, that from lead ore 62,609 ounces, and that from zinc-copper ore 32,600 ounces. Copper ore yielded 67 percent of the State total silver, siliceous ores 16 percent, zinc-lead ore 12 percent, zinc-copper ore 3 percent, and lead ore 2 percent. The Phelps Dodge Corporation continued to be the chief silver producer in Arizona, and its output was 17 percent greater than in 1940; its four properties (Copper Queen, Morenci, New Cornelia, and United Verde) produced 40 percent of the State gold output, 54 percent of the silver, and 53 percent of the copper. Other large silver producers in Arizona in 1941 were the Magma, Shattuck Denn, Trench-Flux, Iron King, and Iron King-Equator properties. The chief silver-producing districts were the Warren (Bisbee), Verde (Jerome), Pioneer (Superior), Ajo, Harshaw, Big Bug, and Wallapai (Chloride); more than 56 percent of the total silver came from the Warren and Verde districts.

The total silver production for the State of Arizona, in terms of recovered metal, from 1860 to 1941, inclusive, has been 268,688,038 ounces.

## CALIFORNIA

The gold output of California (in terms of recovered metal) in 1941 again exceeded that of the Philippine Islands, Alaska, and South Dakota, the other leading domestic producers in order of production, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. After an uninterrupted rise from 1929 to 1940, the quantity and value of California gold production in 1941 fell below that of the preceding year. The reversal in trend was due entirely to the decline in lode mining; placer-gold output continued to rise and exceeded that for any year since 1862.

The output of recoverable gold from California ores, gravels, and re-treated tailings in 1941 was 1,408,793 fine ounces valued at \$49,307,755 compared with a production of 1,455,671 ounces valued at \$50,948,485 in 1940; the decrease in both quantity and value was 3 percent. In 1941, 835 lode mines produced 690,780 ounces of gold valued at \$24,177,300, and 724 placer mines produced 718,013 ounces of gold valued at \$25,130,455. Placer mines supplied 51 percent and lode mines 49 percent of the total in 1941 compared with 48 percent for placer mines and 52 percent for lode mines in 1940; this was the first year since 1927 in which gold output from placers exceeded that from lode mines. Of the gold derived from lode operations, 94 percent was recovered from dry gold ore, 4 percent from dry gold-silver ore, and most of the remainder from copper ore. The importance of free-milling gold ore in California is indicated by metallurgical data, which show that 41 percent of the lode gold in 1941 (45 percent in 1940) was recovered by amalgamation; cyanidation of sands, slimes, old tailings, and concentrates represented 34 percent (32 percent in 1940); smelting of concentrates, 23 percent (22 percent in 1940); and smelting of ore, 2 percent (1 percent in 1940).

Dredging was the leading method of working placer deposits, both as to the yardage of gravel treated and the quantity of placer gold recovered. Floating dredges of the connected-bucket type handled 135,757,000 cubic yards of gravel and recovered 418,282 ounces of gold valued at \$14,639,870, or 58 percent of the placer gold produced in the State in 1941. Dragline dredges (those having a floating washing plant to which gravel is delivered by a dragline excavator) handled 45,579,000 yards of gravel, which yielded 225,019 ounces of gold valued at \$7,875,665. Nonfloating washing plants to which gravel was delivered by mechanical means treated 5,656,000 yards of gravel and recovered 28,703 ounces of gold valued at \$1,004,605. Hydraulic mines produced 10,145 ounces of gold valued at \$355,075 derived from 2,886,000 yards of gravel; 90,000 yards of gravel from drift mines were treated, from which 4,635 ounces of gold valued at \$162,225 were recovered. Small-scale, hand-operated equipment, including small sluice boxes, long toms, dip boxes, rockers, pans, and dry washers, was used in the production of 29,222 ounces of gold valued at \$1,022,770. Increases in 1941 compared with 1940 were recorded from all sources except hydraulic mines, small-scale hand operations, and drift mines.

Nevada County, because of the productivity of its Grass Valley-Nevada City district, continued to be the leading gold-producing county in the State. Despite a 10-percent decline in gold output in 1941 compared with 1940, the county yielded 20 percent of the State total gold and 39 percent of the State lode gold in 1941. The high

rank in gold production of Sacramento, Yuba, Butte, Siskiyou, Mereed, Trinity, and Stanislaus Counties was attained largely from the output of placer gold, principally the product of connected-bucket and dragline dredges. Amador, Calaveras, Eldorado, and Mariposa Counties on the Mother Lode were important gold producers. Large gold outputs were also recorded for Kern, Shasta, Placer, and Plumas Counties.

The principal gold-producing mines in California in 1941, listed by operators and in order of output, were the Idaho Maryland Mines Corporation, Nevada County (gold ore); Natomas Co., Sacramento County (dredge); Empire Star Mines Co., Ltd., Nevada County (gold ore); Yuba Consolidated Gold Fields (Yuba unit), Yuba County (dredge); Lava Cap Gold Mining Corporation, Nevada County (gold ore); Yuba Consolidated Gold Fields (Butte unit), Butte County (dredge); Central Eureka Mining Co., Amador County (gold ore); Capital Dredging Co., Sacramento County (dredge); Golden Queen Mining Co., Kern County (gold ore); and Carson Hill Gold Mining Corporation, Calaveras County (gold ore).

Output of silver from California ores, gravels, and retreated tailings in 1941 was 2,154,188 fine ounces valued at \$1,531,867 compared with a production of 2,359,776 ounces valued at \$1,678,063 in 1940. Of the lode silver, 46 percent was derived from dry gold ore, 35 percent from dry gold-silver ore, 9 percent from copper ore, 8 percent from lead ore, and 2 percent from dry silver ore, tungsten ore, zinc ore, and lead-copper ore. A small quantity of silver was recovered as a byproduct of gold dredging. Smelting of flotation concentrates accounted for 45 percent of the lode silver recovered in the State; 37 percent was recovered by cyanidation of ore, old tailings, sands, slimes, and concentrates; 14 percent by direct smelting; 3 percent by amalgamation of ore and old tailings; and 1 percent by the smelting of gravity concentrates.

The principal silver-producing mines in California in 1941, listed by operators and in order of output, were the Cactus Mines Co., Kern County (gold-silver ore); Lava Cap Gold Mining Corporation, Nevada County (gold ore); Golden Queen Mining Co., Kern County (gold ore); Lodestar Mining Co., Kern County (gold ore); Walker Mining Co., Plumas County (copper ore); and Shoshone Mines, Inc., Inyo County (lead ore).

## CENTRAL STATES

The mine output of silver from the Central States in 1941 was 448,824 ounces valued at \$319,164 compared with 353,737 ounces valued at \$251,546 in 1940, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. No gold was recovered from mines in the Central States in 1941; the 5 ounces produced in 1940 came from a placer prospect in Vigo County, Ind. Of the total silver produced in 1941, 367,688 ounces were recovered in the refining of lead bullion obtained from southeastern Missouri lead concentrates; 60,796 ounces in the refining of copper bullion shipped from smelters in Michigan to eastern electrolytic refineries, and 20,340 ounces were contained in galena concentrates recovered in the milling of zinc-lead ore and fluorspar from Illinois.

## COLORADO

Gold recovered in Colorado in 1941 totaled 380,029 fine ounces valued at \$13,301,015, a 3-percent increase over 1940, and the highest production in the State since 1924, according to Charles W. Henderson and A. J. Martin, of the United States Department of the Interior, Bureau of Mines.

Of the 2,222,786 tons of crude ore mined, 1,970,253 tons were treated by mills in Colorado—1,379,077 tons were treated in company mills at mines and dumps, 532,127 tons by the Golden Cycle Custom roast-amalgamation-cyanidation-flotation mill at Colorado Springs, 59,049 by custom concentration mills in or near the mining districts. Gold was exceeded in value in Colorado in 1941 only by molybdenum.

The Cripple Creek district, Teller County, continued to be the principal gold-producing district in the State; it was followed, in order, by the Redcliff district, Eagle County; Upper San Miguel, San Miguel County; Mosquito, Park County; Leadville, Lake County; Animas, San Juan County; Summitville, Rio Grande County; Empire, Clear Creek County; Southern districts, Gilpin County; Idaho Springs, Clear Creek County; Gold Hill, Boulder County; Sneffels, Ouray County; and Fairplay, Park County—each of which yielded more than 10,000 ounces of gold. Dry and siliceous ores yielded 80 percent of the total gold; copper ore 7 percent; zinc-lead, lead, and lead-copper ores 5 percent; and placers 8 percent.

The output of 579 operating lode mines varied but little from 1940, but that from 324 placers increased 13,377 ounces (79 percent), owing mainly to production made from new dredging operations in Park County. The quantity of gravel handled in 1941 by 2 floating connected-bucket dredges, 1 dragline floating dredge, and 31 dry-land dredges was approximately 5,322,300 cubic yards averaging 18.74 cents to the yard. Specific data on yardage handled at the 290 small-scale placer operations are not obtainable.

The production of silver in 1941, in terms of recovered metals, was 7,301,697 fine ounces valued at \$5,192,318. Eagle County continued to be much the largest silver producer, yielding 60 percent of the State total, followed by Mineral with 12 percent, San Juan 7 percent, and San Miguel 6 percent. Copper ore yielded 59 percent; dry and siliceous 30 percent; other types of ore, together with a small quantity of silver from placer mines, 11 percent.

The total production of gold and silver in Colorado, in terms of recovered metals, compiled from all sources by Charles W. Henderson, from 1858 to 1941, inclusive, has been 38,296,755 fine ounces of gold valued at \$834,263,389 and 717,950,564 fine ounces of silver valued at \$558,481,176. Colorado has produced more silver (lode and placer combined) than any other State and more lode gold.

## EASTERN AND APPALACHIAN STATES

The mine output of recoverable gold in the Eastern and Appalachia States in 1941 was 21,982 fine ounces valued at \$769,370, an increase of 19 percent over 1940 and the highest recorded for both quantity and value since 1882, according to A. J. Martin, of the United States Department of the Interior, Bureau of Mines. The total number of mines contributing to the output of gold in 1941 was

41, of which 27 were lode and 14 were placer mines. Lode mines yielded 21,779 ounces of gold and placers 203 ounces.

The old Haile mine near Kershaw, S. C., was again the leading producer of gold in the Eastern States. The mine has been operated continuously by Haile Gold Mines, Inc., since completion in June 1937 of a new 125-ton cyanide mill (capacity later increased to about 400 tons daily), and the output of gold in 1941 was higher than in any of the 4 preceding years. Other producers (small) in South Carolina comprised the Funder Bunk mine and the Mineral Mining Corporation properties in Lancaster County; the Dorothy, Ross-Carroll, and Terry in York County; and the Oro at Pageland, Chesterfield County. The State output of gold was 15,508 ounces compared with 13,076 ounces in 1940.

Gold production in North Carolina increased from 1,943 ounces in 1940 to 3,244 ounces in 1941. The Condor (old Howie) mine near Waxhaw in Union County, operated under lease by Hugh Jardine, was the principal producer of gold in the State in both years; milling of the ore at the Capps mill, Charlotte, was discontinued in January 1941, and a counter-current cyanide mill was erected on the Condor property and operated continuously from July 15 to the end of the year. Some gold was recovered from copper ore from the Fontana mine in Swain County and from gold ore from the Chapman in Burke County, the Hoover Hill in Randolph County, and a prospect near Ranger, Cherokee County. Small placers in Halifax and McDowell Counties yielded 6 ounces of gold.

Pennsylvania produced 2,422 ounces of gold in 1941, all of which was recovered as a byproduct from copper concentrates derived from magnetite-pyrite-chalcopyrite ore from the Cornwall mine in Lebanon County.

The other Eastern States producing gold in 1941 were: Georgia (311 ounces), chiefly from the Barlow placer, and the Lockhart and McDonald lode mines in Lumpkin County, and the Russell mine in Paulding County; Virginia (240 ounces), from the Redbank mine near Virgilina, Halifax County, and the Ruth placer in Goochland County; Tennessee (227 ounces), all recovered in the refining of copper bullion from the smelter at Copperhill; and Alabama (30 ounces), from tailings from the Hog Mountain mill dump near Alexander City, Tallapoosa County, and crude ore from the Gold Log mine in Talladega County.

Dry and siliceous ore and old tailings milled aggregated 152,471 tons, of which 149,123 tons treated by cyanidation yielded 18,323 fine ounces of gold, and 3,348 tons treated by amalgamation yielded 418 ounces. Gold ore shipped crude to smelters totaled 362 tons containing 292 ounces of gold.

The mine output of silver in the Eastern States in 1941 was 106,051 ounces compared with 102,825 ounces in 1940. Of the 1941 output, copper ore from Tennessee yielded 39,161 ounces, copper ore from North Carolina 5,044 ounces, copper concentrates from Pennsylvania magnetite-pyrite-chalcopyrite ore 15,016 ounces, lead concentrates from zinc-lead ore from New York 37,734 ounces, dry and siliceous gold ores (mainly from South Carolina and North Carolina) 9,081 ounces, and placer gravels 15 ounces of silver.

## IDAHO

The output of recoverable gold, silver, copper, lead, and zinc from mines in Idaho in 1941 was valued at \$41,776,848 compared with \$37,744,393 in 1940, an increase of \$4,032,455 (nearly 11 percent), according to G. E. Woodward and Paul Luff, of the United States Department of the Interior, Bureau of Mines. The quantity and value of each metal, except silver, were greater in 1941 than in 1940; the greatest gain was \$2,966,874 in zinc. The output of gold increased 2 percent, copper 8 percent, lead less than one-half of one percent, and zinc 12 percent; the silver output declined 5 percent. The output of copper and zinc in the Coeur d'Alene region, the most important metal-producing area in Idaho, was greater in 1941 than in 1940, but the output of gold, silver, and lead was less. The total value of the metal output of the region increased from \$29,444,265 to \$32,398,932.

Production of recoverable gold increased from 146,480 ounces valued at \$5,126,800 to 149,816 ounces valued at \$5,243,560 in 1941, or 2 percent; the gold output in 1941 was the largest since 1871. Gold from lode mines decreased 10 percent to 77,421 ounces; that from placers increased 20 percent to 72,395 ounces. Most of the gold from placer mines came from 12 connected-bucket dredges operating in Boise, Clearwater, Custer, Elmore, Idaho, Latah, and Lemhi Counties; these dredges treated 10,612,000 cubic yards of gravel in 1941 and recovered 52,358 ounces of gold, an increase of 11,096 ounces over 1940. Twenty-one dragline or power-shovel excavators with either dry-land or floating washing plants (operating chiefly in Idaho, Lemhi, Clearwater, and Boise Counties) treated 2,342,000 cubic yards of gravel in 1941 and recovered 14,910 ounces of gold, an increase of 2,718 ounces over 1940. Of the total placer gold produced in Idaho in 1941, 84 percent came from the Boise Basin, Elk City, Yankee Fork, Warren, Hoodoo, Middle Boise, and Gibbonsville districts, where dredges were operated. The chief producers were Fisher-Baumhoff Co., H. & H. Mines, Snake River Mining Co., Northwest Goldfields, Inc., Idaho-Canadian Dredging Co., Warren Dredging Co., Boise King Placers, American River Mining Co., Mt. Vernon Gold Mining Co., Tyee Mining Co., Smith Brothers, and Gold Hill Placers.

About 89 percent of the total gold from lode mines came from dry and siliceous ore (chiefly gold ore), and nearly all the remainder came from zinc-lead ore. Dry and siliceous ores treated at amalgamation and cyanidation mills increased from 142,457 tons in 1940 to 179,503 in 1941; the 1941 tonnage yielded 39,598 ounces of gold (in bullion and concentrates) which came chiefly from Elmore, Idaho, Custer, Boise, and Valley Counties. Ore treated at straight concentration plants yielded 33,331 ounces of gold in the concentrates, and crude ore shipped direct to smelters yielded 4,492 ounces. About 81 percent of the lode gold came from the Middle Boise, Yellow Pine, Warm Springs, Burgdorf-Marshall Lake, Carson, Yankee Fork, Mineral Hill, and West View districts and the Coeur d'Alene region. The chief producers were the Boise-Rochester-Monarch, Yellow Pine, Golden Anchor, Triumph, De Lamar Milling Corporation, Custer Consolidated, Grunter, and Huron properties.

The total production of gold in Idaho in terms of recovered metal, from 1863 to 1941, inclusive, has been 7,629,158 ounces.

The output of recoverable silver in Idaho decreased from 17,552,240 ounces in 1940 to 16,672,410 in 1941 and the value from \$12,481,593 to \$11,855,936. Idaho retained its position as the largest silver-producing State. Dry and siliceous silver ore yielded 59 percent of the total silver produced in Idaho in 1941, zinc-lead ore 30 percent, lead ore 6 percent, and gold-silver ore and gold ore 3 percent. Production of silver from silver ore decreased 918,449 ounces in 1941 and that from zinc-lead ore 418,176 ounces, but the output from zinc ore increased 193,405 ounces, from lead ore 176,184 ounces, and from gold ore and gold-silver ore 60,176 ounces. The output of silver from the Sunshine mine was 7,138,426 ounces in 1941, a decline of 1,045,470 ounces from 1940; however, the mine retained its position as the largest producer of silver in the United States. The Coeur d'Alene region produced 88 percent of the State total silver in 1941; the remainder came chiefly from the Warm Springs, Carson, Bayhorse, South Mountain, Middle Boise, Port Hill, and Pend d'Oreille districts. Eight mines—the Sunshine, Bunker Hill & Sullivan, Mineral Point, Polaris, Hecla, Morning, Triumph, and Page—produced 84 percent of the State silver output in 1941. All these mines except the Triumph are in the Coeur d'Alene region, Shoshone County.

The total production of silver in Idaho, in terms of recovered metal, from 1863 to 1941, inclusive, has been 469,574,957 ounces.

## MONTANA

The Montana output of gold, silver, copper, lead, and zinc had a larger aggregate value in 1941 than in 1940, but only the quantity of copper, silver, and zinc increased, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. In 1941 the total value of the five metals was \$59,181,627 compared with \$55,825,078 in 1940. The gold output from several of the large lode gold mines throughout the State showed sharp drops, but the output from placer mines was slightly less than that in 1940. The value of the metal output from Silver Bow County, by far the most productive area in the State, and from which virtually all of the copper and much of the zinc and silver is derived, was \$44,195,725 in 1941 compared with \$40,871,719 in 1940. This increase was due to the near capacity operations of the Anaconda Copper Mining Co.

The production of recoverable gold in Montana in 1941 was 246,475 fine ounces compared with 272,602 fine ounces in 1940—a decrease of 10 percent from 1940. In 1941 the output from lode mines showed a decrease of 23,591 fine ounces and that from placer mines 2,536 fine ounces. Siliceous ores yielded 64 percent of the State total and base metal ores 11 percent. There was a decrease from siliceous ores and zinc-lead ores but an increase from copper and lead ore. Gold ore mined in 1941 totaled 695,481 tons compared with 803,173 tons in 1940, which included 542,870 tons treated in amalgamation and cyanidation mills, 99,293 tons in concentration mills, and 53,318 tons shipped crude to smelters. Ore treated at amalgamation and cyanidation plants (with or without concentrating equipment) yielded 29 percent of the State's total gold and that at concentrating mills 22 percent, ores of all classes shipped crude to smelters 24 percent, and placers 25 percent.

A decline of 2,536 fine ounces of gold and 1,620 fine ounces of silver in 1941 was noted in the yield from placer mines. Seven connected-

bucket floating dredges were in operation in 1941; they treated 9,025,755 cubic yards of gravel and recovered gold valued at \$1,184,540, indicating an average recoverable gold value of 13.1 cents per cubic yard treated. Dragline and power shovels with both dry-land and floating washing plants were reported in operation at forty properties. The plants washed 3,208,961 cubic yards of gravel and recovered gold valued at \$886,305, indicating an average recoverable gold value of 27.6 cents to the cubic yard washed. Gains were noted in the output of recoverable gold from Park, Silver Bow, Broadwater, Ravalli, and Cascade Counties, but losses from Lewis and Clark, Madison, Jefferson, Powell, and Phillips Counties. The leading gold producer in Montana was again the West Mayflower property in Madison County, which was operated by the Anaconda Copper Mining Co. It was followed by all company-operated copper mines at Butte, the Ohio Keating mine in Broadwater County, the Winston Dredge operating on Prickly Pear Creek near Clancey, the Ruby Gulch mine at Zortman, and the Porter Bros. dredge near Helena.

The total production of gold in Montana, in terms of recovered metal, from 1862 to 1941, inclusive, has been 16,680,518 fine ounces.

The output of recoverable silver in Montana in 1941 was 12,386,925 ounces, virtually the same as in 1940. Copper ore yielded 50 percent of the State total silver, zinc-lead ore 24 percent, and siliceous ore 24 percent. Ore treated at concentration mills yielded 82 percent of the total silver, and crude smelting ore 17 percent. The output of silver ore was 122,684 tons and gold-silver ore 121,902 tons.

The copper mines, dumps, and zinc mines at Butte and the Flathead mine in Flathead County, all operated by the Anaconda Copper Mining Co., produced 73 percent of the State silver. Other large producers included the Lexington group in Moutana district, Cascade County; the Granite Bimetallic mine (tailings) in Granite County; the Emma mine at Butte (including byproduct silver from manganese beneficiation), and the Florence mine in Cascade County.

The total production of silver in Montana, in terms of recovered metal, from 1862 to 1941, inclusive, has been 713,202,910 ounces.

## NEVADA

In 1941 Nevada gold production (in terms of recovered metal) decreased 5 percent compared with 1940, but silver output in 1941 was the largest since 1926 in quantity and since 1925 in value, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The output of gold from Nevada ores, re-treated tailings, and gravels in 1941 was 366,403 fine ounces valued at \$12,824,105 compared with 383,933 ounces valued at \$13,437,655 in 1940. Production of silver in 1941 was 5,830,238 fine ounces valued at \$4,145,947 compared with 5,175,928 ounces valued at \$3,680,660 in 1940, an increase of 13 percent in both quantity and value.

Gold was recovered from the following sources: Dry gold ore, 56 percent; copper ore, 18 percent; dry gold-silver ore, 14 percent; placer gravels, 10 percent; and other ores, 2 percent. Metallurgical data show that 56 percent of the State lode gold was recovered by cyanidation, 24 percent by the smelting of concentrates, 12 percent by the smelting of ore, and 8 percent by amalgamation. Cyanidation and smelting of ore as gold recovery methods were less important in

1941 than in 1940; the proportion of gold recovered by smelting of concentrates and by amalgamation increased.

The principal Nevada gold mines in 1941, listed by operating companies and in order of output, were Getchell Mine, Inc., Humboldt County (gold ore); Nevada Consolidated Copper Corporation, White Pine County (copper ore); Consolidated Coppermines Corporation, White Pine County (copper ore); Manhattan Gold Dredging Co., Nye County (connected-bucket dredge); Prescott Lease (E. L. Cord), Esmeralda County (gold ore); Standard Cyaniding Co., Pershing County (gold ore); Northumberland Mining Co., Nye County (gold ore); Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore); Dayton Dredging Co., Lyon County (dragline dredge); and Dayton Consolidated Mines Co. and lessees, Storey County (gold ore).

Nevada lode silver was recovered from the following sources in 1941: Dry gold-silver ore, 42 percent; dry silver ore, 21 percent; zinc-lead ore and lead ore, 12 percent each; dry gold ore, 9 percent; and copper ore, 4 percent. Placer gravel yielded a small quantity of silver. Cyanidation of ore, old tailings, sands, slimes, and concentrates accounted for 38 percent of the lode silver produced in Nevada in 1941; 33 percent was recovered by smelting of ore and old tailings, 28 percent by the smelting of concentrates, and the remainder by amalgamation of ore and old tailings.

The principal silver mines in Nevada in 1941, listed by operating companies and in order of output, were the Desert Silver, Inc., Esmeralda County (silver ore); Combined Metals Reduction Co., Lincoln County (zinc-lead ore); West Coast Mines, Inc., Humboldt County (gold-silver ore); lessees of The Tonopah Mining Co. of Nevada, Nye County (gold-silver ore); Bristol Silver Mines Co., Lincoln County (lead ore); Summit King Mines, Ltd., Churchill County (gold-silver ore); El Dorado-Rover Mining Co., Clark County (gold-silver ore); Sutro Tunnel Coalition, Inc., Storey County (gold-silver ore) and Consolidated Chollar Gould & Savage Mining Co., Storey County (gold ore).

## NEW MEXICO

Lode and placer mines in New Mexico yielded 27,845 fine ounces of gold valued at \$974,575 in 1941, according to Chas. W. Henderson and A. J. Martin of the United States Department of the Interior, Bureau of Mines. The chief producing counties were Grant yielding 14,793 fine ounces and Catron yielding 7,884 fine ounces. Eight flotation mills treated 98 percent of the total New Mexico output of ore (7,530,226 tons). Dry and siliceous ores yielded 57 percent of the State total gold in 1941, copper ore 32 percent, lead and zinc-lead ores 2 percent, and placers 9 percent. Of the 145 lode mines, the largest producers of gold in the order of output were: Black Hawk Consolidated Mines, Mogollon district, Catron County; Nevada Consolidated Copper Co., Central district, Grant County; Southwestern Mineral Co., and Exploration Syndicate, both in the Steeple Rock district, Grant County. One hundred and three placers were operated in 1941, the largest of which was the dry-land dredge of the John I. Hallett Construction Co., in the Las Animas district, Sierra County.

The mine production of recoverable silver in New Mexico in 1941 was 1,328,317 fine ounces, all but 284 ounces from lode mines. Grant County produced 55 percent of the State total and Catron County 37

percent. The largest producers in the order of output were the Black Hawk Consolidated Mines, American Smelting & Refining Co. (Hanover unit), Exploration Syndicate, and Nevada Consolidated Copper Co.

The total production of gold and silver in New Mexico, in terms of recovered metals, compiled from all sources by Chas. W. Henderson, from 1848 through 1941, has been 2,148,780 fine ounces of gold valued at \$48,541,493 and 65,276,576 fine ounces of silver valued at \$51,150,206.

### OREGON

After establishing an all-time record in gold production in 1940, Oregon output in 1941 declined 15 percent in quantity and value, according to Charles White Merrill, of the United States Department of the Interior, Bureau of Mines. The production of gold from Oregon ores, gravels, and re-treated tailings in 1941 was 96,565 fine ounces valued at \$3,379,775 compared with 113,402 ounces valued at \$3,969,-070 in 1940. Placer mines produced 63 percent of the gold and lode mines 37 percent. Dragline dredges handled 6,256,000 cubic yards of gravel in 1941 compared with 7,361,000 yards in 1940 and recovered 28,395 ounces of gold valued at \$993,825 in 1941 compared with 35,216 ounces of gold valued at \$1,232,560 in 1940. Dredges of the connected-bucket type treated 6,670,000 yards of gravel in 1941 compared with 7,580,000 yards in 1940 and recovered 24,131 ounces of gold valued at \$844,585 compared with 24,951 ounces of gold valued at \$873,285 in 1940. Dragline dredges handled 43 percent of the gravel and recovered 47 percent of the placer gold in Oregon in 1941; connected-bucket dredges handled 46 percent of the gravel and recovered 40 percent of the placer gold. Dry and siliceous gold ore was the source of 93 percent of the State lode gold; virtually the only other source was dry and siliceous gold-silver ore. Metallurgical data show that 71 percent of Oregon lode gold was recovered by smelting of concentrates, 15 percent by smelting of ore, 11 percent by cyanidation of ore, old tailings, and concentrates, and 3 percent by amalgamation of ore.

The principal Oregon gold mines in 1941, listed by operating companies and in order of output, were Cornucopia Gold Mines, Baker County (gold ore); Sumpter Valley Dredging Co., Baker County (connected-bucket dredge); Porter & Co., Grant County (connected-bucket dredge); Cougar-Independence Lessees, Grant County (gold ore); and Northwest Development Co., Baker County (dragline dredge). These five companies contributed 46 percent of the gold output in Oregon in 1941; two of them suspended operations during the year.

Oregon ores, gravels, and retreated tailings in 1941 yielded 276,158 fine ounces of silver valued at \$196,379 compared with 219,112 ounces valued at \$155,813 in 1940; the increase was 26 percent in both quantity and value. Of the State total silver, Grant County contributed 35 percent, Jefferson County 32 percent, and Baker County 30 percent.

### SOUTH DAKOTA

Gold mining is one of the major mining industries of the Black Hills region of South Dakota, a small region comprising only parts of Custer, Lawrence, and Pennington Counties. In 1941, this region

yielded 600,637 fine ounces of gold valued at \$21,022,295 and 170,771 fine ounces of byproduct silver valued at \$121,437, according to Chas. W. Henderson and S. A. Gustavson of the Department of the Interior, Bureau of Mines, a 2 percent increase in gold over 1940 and exceeded only by the peak year of 1939.

The largest producing gold mine in the United States is the Homestake, located at Lead in Lawrence County. This mine has been producing almost continuously since 1876. Of the 1,711,744 tons of ore produced in South Dakota in 1941, the Homestake produced 1,499,988 tons, yielding 556,983 ounces of gold and 118,148 ounces of silver. The ore was treated by amalgamation followed by cyanidation of sands and slimes. No concentrates have been made at the Homestake mills for several years. This mine has been developed by shafts, the newest and deepest being the Yates shaft, which is 5,000 feet deep, completed in all details to 4,100 feet with a winze to the 5,000-foot level. Other important producers were the Bald Mountain group at Trojan, producing 134,990 tons of ore, yielding 27,420 fine ounces of gold and 50,458 fine ounces of silver; the Canyon Corporation at Deadwood, producing 36,677 tons of ore, yielding 11,256 fine ounces of gold and 1,056 fine ounces of silver; and the Holy Terror at Keystone, producing 31,894 tons of ore, yielding 4,234 ounces of gold and 839 ounces of silver. Small placer sluicing operations produced 93 ounces of gold and 7 ounces of silver. The total production of gold and silver (in terms of recovered metals) in South Dakota from the beginning of production in 1876 to the end of 1941, as compiled by Chas. W. Henderson, has been 20,037,943 fine ounces of gold, valued at \$482,925,214, and 9,346,276 fine ounces of silver, valued at \$6,648,628.

## TEXAS

Texas mines yielded 306 fine ounces of gold, valued at \$10,710, and 1,096,027 fine ounces of silver, valued at \$779,397 in 1941, according to mine-production figures compiled by Chas. W. Henderson and S. A. Gustavson of the Department of the Interior, Bureau of Mines. Compared with 1940, the output of gold decreased 2 percent and that of silver decreased 17 percent in both quantity and value. The Presidio mine of the American Metal Co., at Shafter, Presidio County, produced 99.25 percent of the gold and 99.79 percent of the silver, the greater part of which was recovered by cyanidation. The remainder of the gold and most of the silver were recovered from lead ore (22 ounces of silver came from copper ore), shipped to the El Paso Smelter from mines and prospects in Culberson, Hardeman, Hudspeth, and Presidio Counties among which were the Hazel and Needle Peak in Culberson, the properties of the Puerto Rico Mining Co. in Hudspeth County, and the Burney prospects in Presidio County.

The Presidio mine is equipped with a 400-ton gravity concentration-cyanidation mill which was run at an average rate of 387 tons daily in 1941. Silver was found at the Presidio mine in 1880, but it was not until 1885 that shipments were begun. From 1885 through 1941, the total production, compiled from all sources by Chas. W. Henderson of gold and silver in Texas (in terms of recovered metals) has been 8,041 ounces of gold valued at \$215,380, and 32,513,756 ounces of silver valued at \$22,874,293, most of the silver (29,628,902 ounces) coming from the Presidio mine.

## UTAH

Utah mines produced gold, silver, copper, lead, and zinc in 1941 valued at \$97,796,623 in terms of recovered metals, a 13 percent gain over 1940 production, according to G. E. Woodward and Paul Luff of the United States Department of the Interior, Bureau of Mines. The gain in value was due almost entirely to the increased output of recovered copper. The quantity of gold was virtually the same as in 1940; that of silver, lead, and zinc decreased, although the total value of both lead and zinc increased. The slight gain in gold and by far the largest part of the gain in copper output can be credited to the Bingham district and resulted from the outstanding efforts of the Utah Copper Co. The Park City region showed gains in the production of gold and copper only, and the Tintic district made gains in the output of lead and zinc. Tooele County reported a loss in output of each metal except zinc.

The output of recoverable gold in Utah in 1941 was 356,501 ounces, a gain of 1,007 ounces over that of 1940. Copper ore yielded 68 percent of the total gold, and siliceous ore 16 percent; the remainder came from lead ore, lead-copper ore, zinc ore, zinc-lead ore, zinc-lead-copper ore, and slag and from placers. The placer output amounted to 629 ounces.

Gold recovered from ore of all classes treated in concentrating mills comprised 80 percent of the State total, from crude ore shipped direct to smelters nearly 15 percent, and from ore treated by amalgamation and cyanidation and from placers 5 percent. The Bingham (West Mountain) district produced 77 percent of the State gold and showed a gain of 18,561 ounces. The Park City region produced 2,447 ounces more gold than in 1940 owing to the output of the New Park Mining Co. Gold produced from the Tintic district decreased sharply, owing chiefly to the decline at the Tintic Bullion and Centennial-Beck and Victoria mines, and gold output from Tooele County decreased 3,481 ounces. The Utah Copper Co., which supplied over 67 percent of the State gold, was followed by the group of properties at Mercur under control of Snyder Mines, Inc., the United States and Lark, Mayflower, Tintic Bullion mines; these five mines produced 88 percent of the total gold output of the State.

The total production of gold in Utah, in terms of recovered metal, from 1864 to 1941, inclusive, has been 9,058,229 ounces.

Silver recovered from Utah totaled 11,395,485 ounces in 1941, a decrease of 776,814 ounces from 1940, owing primarily to the lower output of siliceous ore. In 1941 zinc-lead, lead-copper, and zinc-lead-copper ore yielded 51 percent of the State total silver, silver ore 20 percent, copper ore 20 percent, and lead ore nearly 9 percent. Bingham was again the largest silver producing district (approximately 43 percent of the State total) followed by the Park City region, the Tintic district, and Tooele County. Ore concentrated yielded 70 percent of the State total silver, and ore shipped crude to smelters nearly all the remainder.

The Utah Copper Co. was again the largest producer followed by the United States and Lark, Tintic Standard, Silver King Coalition, the Park City Consolidated properties, the New Park Mining Co. property, the Park Utah Consolidated Mines groups, and the Chief Consolidated properties. These eight properties produced 82 percent of the silver output in Utah in 1941.

The total production of silver in Utah, in terms of recovered metal, from 1864 to 1941, inclusive, has been 681,300,151 ounces.

## WASHINGTON

Ore and gravels from mines in Washington produced recoverable gold, silver, copper, lead, and zinc valued at \$7,874,886 in 1941 compared with \$7,018,812 in 1940, according to G. E. Woodward and Paul Luff, of the United States Department of the Interior, Bureau of Mines. This gain in value of total output was due chiefly to an increased production of lead and zinc. The gain in production of gold and silver was due to a sharp increase in the output of the Republic district, Ferry County, which more than balanced the losses in output from the Methow district in Okanogan County and from the Howe Sound Co. in Chelan Lake district, Chelan County.

The output of recoverable gold was 84,176 fine ounces in 1941, a gain of 2 percent over 1940. This gain was due almost entirely to the gold recovered from gold concentrates shipped to a smelter. Gold recovered from amalgamation showed a slight increase, and that recovered from gold cyanide, bullion, copper concentrates, and crude ore shipped to smelters showed a decline from 1940. Gold bullion recovered from ore treated at cyanide plants (with or without concentration) in Ferry County declined 6,131 ounces, but in Stevens County there was a gain of 559 ounces. Gold recovered from gold concentrates made in the concentration sections of the cyanide mills in Ferry County increased 18,299 ounces. Gold in ore sent crude to smelters was virtually the same as in 1940 in Ferry County but declined 1,856 ounces in Okanogan County and 198 ounces in Chelan County. Gold ores treated in amalgamation plants principally from Ferry, Okanogan, and Whatcom Counties yielded 777 ounces of gold. Copper concentrates produced by the Howe Sound Co. yielded about 55 percent of the State total, and gold concentrates produced from the Knob Hill and Mountain Lion groups 23 percent. Other producers of gold were the Aurum and Valley mines in Ferry County and the First Thought mine in Stevens County. The total output of gold ore in 1941 was 178,121 tons compared with 202,502 tons in 1940. It was treated as follows: 135,290 tons cyanided, 694 tons amalgamated, 3,747 tons concentrated, and 38,390 tons sent crude to smelters. Placers produced 540 fine ounces of gold in 1941.

The total production of gold, in terms of recovered metal, from 1860 to 1941, inclusive, has been 1,881,725 ounces.

The production of recoverable silver in Washington in 1941 was 401,940 fine ounces, a gain of 10 percent over 1940. The bulk of the silver came from copper ores of Chelan County and gold ores of Ferry County and most of the remainder from copper ores of Stevens and Snohomish Counties. Of the total State silver production copper ores yielded 50 percent, gold ore 43 percent, silver ore 3 percent, and the combined production from zinc-lead, gold-silver, and lead ores and placer gravels 4 percent. The Holden mine in Chelan County was the largest producer of silver, followed by the Knob Hill and Mountain Lion properties in Ferry County operated by the Knob Hill Mines, Inc. These two companies produced 75 percent of the State silver. Other producing mines were the Aurum and Valley in Ferry County and the Amazon and Copper King in Stevens County. The yield of silver from placer mines was 90 ounces.

The total production of silver in Washington, in terms of recovered metal, from 1860 to 1941, inclusive, has been 11,222,890 ounces.

## WYOMING

Wyoming mines yielded only 478 fine ounces of gold and 94 fine ounces of silver in 1941, the lowest gold production in any year since 1932, according to Charles W. Henderson and S. A. Gustavson of the United States Department of the Interior, Bureau of Mines. Fremont County produced 442 ounces of placer gold and 49 ounces of placer silver, the largest production being from the dry-land dredges on the Timbah-Bah and Whisenand placers. These two operations produced 95 percent of the State placer gold and 90 percent of the State placer silver. During the year 8 lode mines yielded 159 tons of ore which contained 31 ounces of gold and 44 ounces of silver. The total production, compiled from all sources by Charles W. Henderson, of gold and silver in Wyoming from 1867 through 1941 has been 77,891 fine ounces of gold and 74,580 fine ounces of silver.

*Distribution of the gold and silver production of the United States,<sup>1</sup> in fine ounces, for 1941, as to sources of production*

[Table furnished by the Bureau of Mines]

State	Gold			Silver		
	Lode mines	Placer mines		Dry and siliceous ores <sup>2</sup>	Lead ores <sup>3</sup>	Copper ores
		Floating connected-bucket dredges	All other			
	Ounces	Ounces	Ounces	Ounces	Ounces	Ounces
Alabama.....	30			3		
Alaska.....	203,886	307,087	184,494	191,394		128
Arizona.....	303,461		11,931	1,198,019	1,293,867	5,006,374
California.....	690,780	418,282	299,731	1,806,861	167,583	179,744
Colorado.....	349,652	10,622	19,755	2,230,319	765,035	4,306,343
Georgia.....	122		189	38		
Idaho.....	77,421	52,358	20,037	10,428,610	6,199,949	43,851
Illinois.....					20,340	
Michigan.....						60,796
Missouri.....					367,688	
Montana.....	184,864	33,844	27,767	2,925,308	3,319,367	6,142,250
Nevada.....	329,506	20,681	16,216	4,198,809	1,371,743	259,686
New Mexico.....	25,357		2,488	754,514	330,969	242,834
New York.....					37,734	
North Carolina.....	3,238		6	2,395		5,044
Oregon.....	36,135	24,131	36,299	273,938		2,220
Pennsylvania.....	2,422					15,016
South Carolina.....	15,508			6,525		
South Dakota.....	600,544		93	170,771		
Tennessee.....	227					39,161
Texas.....	306			1,095,750	255	22
Utah.....	355,872		629	2,333,168	6,776,940	2,285,377
Virginia.....	232		8	135		
Washington.....	83,636		540	187,040	12,899	202,091
Wyoming.....	31		447	64		30
Total.....	3,263,230	867,005	620,630	27,803,661	20,664,369	18,790,967

<sup>1</sup> Philippine Islands and Puerto Rico excluded. United States refineries' receipts for the Philippine Islands give the following production for 1941: 1,130,933 ounces of gold and 1,224,336 ounces of silver.

<sup>2</sup> Contains 194,128 ounces of silver from placer mines.

<sup>3</sup> Includes lead, lead-copper, zinc, zinc-lead, and zinc-copper.

*Refinery production (arrivals thereat) of gold mined in the several States and Territories in 1940 and 1941 with the increase and decrease in each for the latter year*

State and Territory	Production <sup>1</sup>				Increase 1941	Decrease 1941
	1940		1941			
Alaska	Ounces 756,964	Value \$26,493,700	Ounces 696,113	Value \$24,364,000		Ounces 60,851
Alabama	5	200	32	1,100	27	
Arizona	299,345	10,477,100	317,386	11,108,500	18,041	
California	1,443,889	50,536,100	1,431,637	50,107,300		12,252
Colorado	369,075	12,917,600	387,627	13,567,000	18,552	
Georgia	966	33,800	307	10,700		659
Idaho	144,980	5,074,300	151,211	5,292,400	6,231	
Indiana	5	200				5
Montana	273,369	9,567,900	252,683	8,843,900		20,686
Nevada	379,868	13,295,400	377,953	13,228,400		1,915
New Mexico	39,210	1,372,400	31,127	1,089,400		8,083
North Carolina	1,683	58,900	3,313	115,900	1,630	
Oregon	113,715	3,980,000	95,635	3,347,200		18,080
Pennsylvania	1,977	69,200	2,667	93,300	690	
South Carolina	12,872	450,500	15,549	544,200	2,677	
South Dakota	587,160	20,550,600	611,869	21,415,400	24,709	
Tennessee	177	6,200	228	8,000	51	
Texas	303	10,600	295	10,300		8
Utah	352,331	12,331,600	372,570	13,040,000	20,239	
Virginia	494	17,300	240	8,400		254
Washington	83,880	2,935,800	83,166	2,910,800		714
Wyoming	711	24,900	459	16,100		252
Philippine Islands	1,140,126	39,904,400	1,144,332	40,051,600	4,206	
Puerto Rico			20	700	20	
Total	6,003,105	210,108,700	5,976,419	209,174,600	97,073	123,759
Net decrease						26,686

<sup>1</sup> For method of calculation, see p. 48.

*Refinery production (arrivals thereat) of silver mined in the several States and Territories in 1940 and 1941, with the increase and decrease in each for the latter year*

State and Territory	Production <sup>1</sup>				Increase 1941	Decrease 1941
	1940		1941			
Alaska	Ounces 173,141	Value \$123,122	Ounces 217,930	Value \$154,972	Ounces 44,789	
Alabama	3	2	4	3	1	
Arizona	6,129,788	4,358,960	7,711,716	5,483,887	1,581,928	
California	2,224,590	1,581,931	2,167,280	1,541,177		57,310
Colorado	9,378,408	6,669,090	8,638,904	6,143,221		739,504
Georgia	632	449	35	25		597
Idaho	17,477,034	12,428,127	17,082,433	12,147,508		394,621
Illinois	544	387	501	356		43
Michigan	90,218	64,155	60,502	43,024		29,716
Missouri	145,190	103,246	152,273	108,283	7,083	
Montana	12,152,044	8,641,453	12,742,114	9,061,059	590,070	
Nevada	5,102,102	3,628,162	5,800,174	4,124,568	698,072	
New Mexico	1,576,102	1,120,784	1,304,182	991,418		181,920
New York	35,743	25,417	37,262	26,497	1,519	
North Carolina	6,390	4,544	7,342	5,221	952	
Oregon	191,820	136,405	206,276	189,352	74,456	
Pennsylvania	14,077	10,010	16,887	12,009	2,810	
South Carolina	7,907	5,623	6,447	4,585		1,460
South Dakota	170,680	121,373	173,286	123,226	2,606	
Tennessee	38,947	27,696	39,396	28,015	449	
Texas	1,294,966	920,865	1,093,137	777,341		201,829
Utah	11,686,321	8,310,273	13,061,846	9,288,424	1,375,525	
Virginia	313	223	134	95		179
Washington	389,481	276,964	405,820	288,583	16,339	
Wyoming	74	53	49	35		25
Philippine Islands	1,299,199	923,875	1,260,097	896,069		39,102
Puerto Rico			2	1	2	
Total	69,585,734	49,483,189	72,336,029	51,438,954	4,396,601	1,646,306
Net increase					2,750,295	

<sup>1</sup> For method of calculation, see p. 48.

*Production of gold and silver in the United States since 1792 (including Philippine Islands production received in United States)*

[The estimate for 1792-1873 is by R. W. Raymond, commissioner of mining statistics, and since by Director of the Mint]

Calendal year	Gold		Silver	
	Fine ounces	Value <sup>1</sup>	Fine ounces	Commerceial value
1792 to July 31, 1834	677, 250	\$14, 000, 000	Insignificant	
July 31, 1834, to Dec. 31, 1844	362, 812	7, 500, 000	193, 400	\$253, 400
1845	48, 762	1, 008, 000	38, 700	50, 200
1846	55, 341	1, 140, 000	38, 700	50, 300
1847	43, 005	889, 000	38, 700	50, 600
Total	1, 187, 170	24, 537, 000	309, 500	404, 500
1848	483, 750	10, 000, 000	38, 700	50, 500
1849	1, 935, 000	40, 000, 000	38, 700	50, 700
1850	2, 418, 750	50, 000, 000	38, 700	50, 900
1851-55	14, 270, 625	295, 000, 000	193, 500	259, 400
1856-60	12, 384, 000	256, 000, 000	309, 400	418, 300
1861-65	10, 716, 271	221, 525, 000	28, 810, 600	38, 674, 300
1866-70	12, 225, 570	252, 725, 000	49, 113, 200	65, 261, 100
1871	2, 104, 312	43, 500, 000	17, 789, 100	23, 588, 300
1872	1, 741, 500	36, 000, 000	22, 236, 300	29, 396, 400
Total	58, 279, 778	1, 204, 750, 000	118, 568, 200	157, 749, 900
1873-75	4, 980, 631	102, 958, 800	81, 057, 900	103, 285, 000
1876-80	10, 300, 633	212, 933, 000	157, 680, 500	182, 506, 400
1881-85	7, 730, 372	159, 801, 000	182, 840, 700	202, 806, 600
1886-90	8, 077, 967	166, 984, 500	231, 819, 100	227, 495, 200
1891-95	9, 106, 834	188, 255, 000	287, 057, 000	227, 960, 100
1896-1900	15, 728, 572	325, 138, 400	279, 544, 300	172, 688, 800
1901-05	19, 393, 722	400, 903, 800	278, 798, 400	159, 543, 400
1906-10	22, 993, 218	475, 312, 000	277, 332, 800	162, 916, 400
1911	4, 687, 053	96, 890, 000	60, 399, 400	32, 615, 700
1912	4, 520, 719	93, 451, 500	63, 766, 800	39, 197, 500
1913	4, 299, 784	88, 884, 400	66, 801, 500	40, 348, 100
1914	4, 572, 976	94, 531, 800	72, 455, 100	40, 067, 700
1915	4, 887, 604	101, 035, 700	74, 961, 075	37, 397, 300
1916	4, 479, 057	92, 590, 300	74, 414, 802	48, 953, 000
1917	4, 051, 440	83, 750, 700	71, 740, 362	59, 078, 100
1918	3, 320, 784	68, 646, 700	67, 810, 139	66, 485, 129
1919	2, 918, 628	60, 333, 400	56, 682, 445	63, 533, 652
1920	2, 476, 166	51, 186, 900	55, 361, 573	60, 801, 955
1921	2, 422, 006	50, 067, 300	53, 052, 441	53, 052, 441
1922	2, 363, 075	48, 849, 100	56, 240, 048	56, 240, 048
1923	2, 502, 632	51, 734, 000	73, 335, 170	60, 134, 839
1924	2, 528, 900	52, 277, 000	65, 407, 186	43, 822, 814
1925	2, 411, 987	49, 860, 200	66, 155, 424	45, 911, 864
1926	2, 335, 042	48, 269, 600	62, 718, 746	39, 136, 497
1927	2, 197, 125	45, 418, 600	60, 434, 441	34, 266, 328
1928	2, 233, 251	46, 165, 400	58, 462, 507	34, 200, 567
1929	2, 208, 386	45, 651, 400	61, 327, 868	32, 687, 754
1930	2, 285, 603	47, 247, 600	50, 748, 127	19, 538, 029
1931	2, 395, 878	49, 527, 200	30, 932, 050	8, 970, 294
1932	2, 449, 032	50, 626, 000	23, 980, 773	6, 762, 578
1933	2, 556, 246	52, 842, 300	23, 002, 629	8, 050, 920
1934	3, 091, 183	108, 191, 400	32, 725, 353	<sup>2</sup> 21, 155, 784
1935	3, 609, 283	126, 324, 900	45, 924, 454	<sup>2</sup> 33, 008, 201
1936	4, 357, 394	152, 508, 800	63, 812, 176	<sup>2</sup> 49, 422, 530
1937	4, 804, 540	168, 158, 900	71, 941, 794	<sup>2</sup> 55, 646, 978
1938	5, 089, 811	178, 143, 400	62, 665, 333	<sup>3</sup> 40, 510, 924
1939	5, 611, 171	196, 391, 000	65, 119, 513	<sup>3</sup> 44, 202, 279
1940	6, 003, 105	210, 108, 700	69, 585, 734	<sup>3</sup> 49, 483, 189
1941	5, 976, 419	209, 174, 600	72, 336, 029	51, 438, 954
Total	207, 958, 229	4, 851, 125, 300	3, 610, 431, 694	2, 715, 323, 848
Grand total	267, 425, 177	6, 080, 412, 300	3, 729, 309, 394	2, 873, 478, 248

<sup>1</sup> Value of gold in 1934 and thereafter calculated on basis of \$35 per fine ounce; prior thereto on basis of \$20.67+ per fine ounce.

<sup>2</sup> Value of silver calculated on the basis of the average amount per ounce returned to depositors of newly mined domestic silver; in 1934 at \$0.64+ per fine ounce, in 1935 at \$0.71875, in 1936 at \$0.7745, in 1937 at \$0.7735.

<sup>3</sup> Value of silver calculated on the basis of the amount per fine ounce returned to depositors of newly mined domestic silver produced in 1938, \$0.6464+, in 1939 \$0.6787+, in 1940 and 1941 \$0.7111+.

*Gold and Silver Used in Industrial Arts in the United States During the Calendar Year 1941*

Issue by the mints and assay offices of gold and silver for industrial-arts use has very substantially lessened since the monetary price of gold was fixed at \$35 per fine troy ounce and a one-fourth of 1 percent charge imposed, and the supplying of industry by commercial refiners of those metals has substantially increased. Previously the principal source of gold supply to industry was the mint service institutions.

The following table gives the value of the gold and the quantity of the silver bars issued by the Government institutions and private refineries during the calendar year 1941, with the classes of material from which they were made.

*Gold and Silver Issued For Use In The Industrial Arts During the Calendar Year 1941<sup>1</sup>*

Item	Issued by—	Gold	Silver
Bullion			
Bullion in various forms	Mints and assay offices	\$1,104,500	423,401
United States Coin <sup>2</sup>	Private refiners and dealers	66,872,610	92,292,829
Total	Banks, etc.		77,344
Old jewelry, plate, serap, etc., contained in private refineries and dealers returns and that returned to monetary use		67,977,110	92,793,574
Net new material used in industry		30,975,490	20,361,256
		37,001,620	72,432,318

<sup>1</sup> For explanation of calculation see p. 48.

<sup>2</sup> Estimated; the quantity of silver is equal to 100,000 silver dollars.

*Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880*

*GOLD<sup>1</sup>*

Calendar year	Total issues	Old material returned from manufactures and the arts <sup>2</sup>	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
1880.	\$10,105,432	\$1,294,385	\$8,811,047	\$3,300,000	\$5,511,047
1881-85	62,841,653	9,313,984	53,527,669	18,575,000	34,952,669
1886-90	80,204,894	20,147,122	60,057,772	17,500,000	42,557,772
1891-95	82,539,580	25,300,282	57,239,298	17,500,000	39,739,298
1896-1900	84,827,364	20,334,856	64,492,508	17,500,000	46,992,508
1901-05	142,479,932	33,888,252	108,591,680	17,500,000	91,091,680
1906-10	190,745,845	38,540,215	152,205,630	17,500,000	134,705,630
1911-15	202,939,043	49,833,478	153,105,565	12,500,000	140,605,565
1916	50,042,175	20,185,304	29,856,871	1,000,000	28,856,871
1917	50,415,641	19,082,196	31,333,445	1,000,000	30,333,445
1918	53,014,385	20,327,345	32,687,040	1,000,000	31,687,040
1919	76,132,251	21,035,398	55,096,853	1,000,000	54,096,853
1920	79,715,087	29,534,478	50,180,609	1,000,000	49,180,609
1921	48,455,477	28,013,868	20,441,609	1,000,000	19,441,609
1922	56,613,658	24,683,403	31,930,255	1,000,000	30,930,255
1923	66,892,245	31,265,070	35,627,175	1,000,000	34,627,175
1924	64,791,440	32,320,145	32,471,295	1,000,000	31,471,295
1925	61,225,870	30,092,021	31,133,849	1,000,000	30,133,849
1926	62,990,839	32,063,448	30,927,391	1,000,000	29,927,391
1927	56,819,728	30,369,237	26,450,491	1,000,000	25,450,491
1928	56,581,659	30,276,159	26,305,500	1,000,000	25,305,500
1929	56,903,667	32,030,531	24,873,136	1,000,000	23,873,136
1930	42,689,379	27,511,640	15,177,739	1,000,000	14,177,739
1931	29,157,865	23,227,085	5,930,780	1,000,000	4,930,780
1932	20,105,102	26,594,769	-6,489,667	1,000,000	-7,489,667
1933	17,013,260	22,805,960	-5,792,700	100,000	-5,892,700
1934	14,232,795	75,927,285	-61,694,490		-61,694,490
1935	25,929,497	58,390,675	-32,461,178		-32,461,178
1936	32,967,937	35,875,770	-2,907,833		-2,907,833
1937	39,622,338	36,407,945	3,214,393		3,214,393
1938	30,156,754	30,480,835	-324,081		-324,081
1939	38,788,960	31,328,360	7,460,600		7,460,600
1940	41,178,387	27,872,355	13,306,032		13,306,032
1941	67,977,110	30,975,490	37,001,620		37,001,620
Total	2,097,097,249	1,007,329,346	1,089,767,903	139,975,000	950,792,903

*Gold and silver furnished for use in manufactures and the arts, and classification of the materials used, since 1880—Continued*

## SILVER

Calendar year	Total issues	Old material returned from manufacturers and the arts <sup>2</sup>	New material		
			Net	United States coin	Domestic and foreign bullion and foreign coins
1880	Fine ounces 2,793,929	Fine ounces 203,540	Fine ounces 2,590,389	Fine ounces 464,063	Fine ounces 2,126,325
1881-85	20,773,758	1,573,954	19,199,804	773,435	18,426,369
1886-90	28,307,646	3,378,303	24,929,343	773,435	24,155,908
1891-95	39,985,973	4,754,381	35,231,592	541,406	34,690,186
1896-1900	51,070,576	5,998,567	45,072,009	386,720	44,685,289
1901-05	97,627,723	15,007,946	82,619,777	386,720	82,233,057
1906-10	122,764,809	18,242,642	104,422,167	386,720	104,035,447
1911-15	152,221,115	34,641,952	117,579,163	386,720	117,192,443
1916	32,103,507	9,899,246	22,204,261	77,344	22,126,917
1917	27,039,845	11,941,038	15,998,807	77,344	15,921,463
1918	36,252,596	9,530,263	26,722,333	77,344	26,644,989
1919	32,700,521	6,463,002	26,237,519	77,344	26,160,175
1920	27,974,521	8,694,392	19,280,129	77,344	19,202,785
1921	35,867,946	7,024,318	28,843,628	77,344	28,766,284
1922	37,910,099	6,623,568	31,286,531	77,344	31,209,187
1923	36,824,977	8,469,806	28,355,171	77,344	28,277,827
1924	33,594,816	8,930,580	24,664,236	77,344	24,586,892
1925	39,826,579	9,897,416	29,929,163	77,344	29,851,819
1926	39,408,393	10,000,792	29,407,601	77,344	29,330,257
1927	38,648,717	10,155,427	28,493,290	77,344	28,415,946
1928	35,547,663	10,616,380	24,931,283	77,344	24,853,939
1929	42,359,082	11,381,523	30,977,559	77,344	30,900,215
1930	36,343,207	9,468,829	26,574,378	77,344	26,797,034
1931	33,682,119	9,346,281	24,355,838	77,344	24,258,494
1932	24,257,967	9,796,956	14,461,011	77,344	14,383,667
1933	29,313,451	18,532,880	10,810,571	77,344	10,733,227
1934	39,678,603	28,186,178	11,492,425	77,344	11,415,081
1935	41,192,023	25,903,107	5,288,916	77,344	5,211,572
1936	35,842,674	16,703,353	19,139,321	77,344	19,061,977
1937	51,292,270	23,564,986	27,727,284	77,344	27,649,940
1938	38,620,473	18,438,847	20,181,626	77,344	20,104,282
1939	69,585,265	24,972,260	44,613,005	77,344	44,535,661
1940	67,062,632	22,563,729	44,498,903	77,344	44,421,559
1941	92,793,574	20,361,256	72,432,318	77,344	72,354,974
Total	1,571,299,049	450,467,698	1,120,831,351	6,110,163	1,114,721,188

<sup>1</sup> Value of gold in 1934 and thereafter calculated on basis of \$35 per fine ounce; prior thereto on basis of \$20.67+ per fine ounce.

<sup>2</sup> Treated as having priority as regards issue or reissue.

## Mint Issue of Fine Gold Bars for Industrial Use

[On value basis; see p. 48]

The value of the fine gold bars issued for industrial use, in exchange for cash, by the United States Mints at Philadelphia, San Francisco, and Denver, and the assay office at New York, during the calendar year 1941, was as follows:

Month	Value of bars issued	Month	Value of bars issued
January	\$20,947.58	September	\$35,291.90
February	16,906.65	October	524,391.96
March	44,179.57	November	217,155.11
April	37,433.56	December	69,819.84
May	35,886.13	Total	1,177,273.39
June	127,044.40	Prior calendar year	241,056.78
July	27,009.18		
August	21,207.51		

*Domestic Coinage of the United States Mints During the Calendar Year 1941*

Denomination	Philadelphia Mint	San Francisco Mint	Denver Mint	Total value	Total pieces
Silver:					
Half dollars.....	\$12,103,706.00	\$4,049,000.00	\$5,624,200.00	\$21,776,906.00	43,553,812
Quarter dollars.....	19,761,821.75	4,020,000.00	4,178,700.00	27,960,521.75	111,842,087
Dimes.....	17,510,655.70	4,309,000.00	4,563,400.00	26,383,055.70	263,830,557
Total Silver.....	49,376,183.45	12,378,000.00	14,366,300.00	76,120,483.45	419,226,456
Minor:					
5-cent nickels.....	10,164,186.00	2,172,250.00	2,671,600.00	15,008,036.00	300,160,720
1-cent bronzo.....	8,870,391.00	923,600.00	1,287,000.00	11,080,991.00	1,108,099,100
Total minor.....	19,034,577.00	3,095,850.00	3,958,600.00	26,089,027.00	1,408,259,820
Total domestic coinage.....	68,410,760.45	15,473,850.00	18,324,900.00	102,209,510.45	1,827,486,276
Prior year:					
Total coinage, value.....	\$34,741,850.32	\$9,605,900.00	\$5,810,100.00	\$50,157,850.32	-----
Total coinage, pieces.....	873,569,382	186,984,000	148,925,600	-----	1,209,478,982

*Coinage by the United States for Other Countries*

The coinage for other countries during the calendar year 1941 totaled 208,603,500 pieces, as compared with 33,170,000 during the prior calendar year, as follows:

Country	Philadelphia	San Francisco	Total
Silver:			
Netherlands:			
Curacao.....	800,000	-----	800,000
East Indies.....	65,488,000	63,203,000	128,691,000
Surinam.....	800,000	-----	800,000
Total silver.....	67,088,000	63,203,000	130,291,000
Nickel:			
Indo-China.....	-----	75,000,000	75,000,000
Liberia.....	1,312,500	-----	1,312,500
Total nickel.....	1,312,500	75,000,000	76,312,500
Bronze: Dominican Republic.....	2,000,000	-----	2,000,000
Total bronze.....	2,000,000	-----	2,000,000
Total coinage.....	70,400,500	138,203,000	208,603,500
Prior year total coinage.....	7,900,000	25,270,000	33,170,000

*Deposits of foreign gold bullion and coin during the calendar year ended December 31, 1941*

[On quantity basis, see p. 48]

Country	Crude bullion	Refined bullion	Coin	Total mone- tary value	Total fine ounces
North America:					
Canada.....	\$31,836,385	\$422,461,410	\$29,680	\$454,327,475	12,980,785
Mexico.....	5,251,295	3,728,305	3,559,185	12,538,785	358,251
Cuba.....	220,325		4,305	224,630	6,418
Dominican Republic.....	594,090		350	594,440	16,984
British West Indies.....	4,235		245	4,480	128
Other North American countries.....	6,475			6,475	185
Central America.....	2,171,120	2,465,645	4,550	4,641,315	132,609
South America:					
Argentina.....	69,230	32,976		102,200	2,920
Bolivia.....		10,185		10,185	281
Brazil.....	140			140	4
British Guiana.....	980,665			980,665	28,019
Chile.....	2,765,000	2,944,655		5,709,655	163,133
Colombia.....	24,320,170			24,320,170	694,862
Dutch Guiana.....			2,590	2,590	74
Ecuador.....		79,520		79,520	2,272
Peru.....	4,903,465	771,715	5,530	5,680,710	162,306
Uruguay.....	43,820			43,820	1,252
Venezuela.....	4,581,150			4,581,150	130,890
Europe:					
Belgium.....	840		525	1,365	39
Denmark.....	595,210		2,775,605	3,370,815	96,309
Finland.....		1,122,590		1,122,590	32,074
France.....	35	32,585	1,680	34,300	980
Germany.....	1,925		525	2,450	70
Great Britain.....	16,327,500	36,145,760	447,090	52,920,350	1,512,010
Greece.....	13,125		13,300	26,425	755
Italy.....			70	70	2
Netherlands.....		3,502,590	1,190	3,503,780	100,108
Portugal.....	2,345	92,435	13,300	105,080	3,088
Spain.....		34,300	105	34,405	983
Sweden.....	805	337,470		338,275	9,665
Switzerland.....			2,467,220	2,467,220	70,492
Yugoslavia.....	3,910,060	13,308,260		17,218,320	491,952
Other Europe.....			210	210	6
Eurasia: Union of Socialist Soviet Republics.....		44,930,550	35	44,930,585	1,283,731
Asia:					
China.....	4,358,130	69,405		4,427,535	126,501
Dutch East Indies.....	1,085	595		1,680	48
India.....	12,913,565	425,845		13,339,410	381,126
Japan.....		19,032,510		19,032,510	543,786
Straits Settlements.....	1,845,025	315		1,845,340	52,724
Turkey.....		30,450	910	31,360	896
Other Asia.....	35			35	1
Africa:					
Belgian Congo.....		2,663,990		2,663,990	76,114
Liberia.....	233,975	60,725		294,700	8,420
Nigeria.....	1,435			1,435	41
Union of South Africa.....		139,535,410	94,185	139,629,595	3,989,417
Oceania:					
Australia.....		67,698,610	208,075	67,906,685	1,940,191
Fiji Islands.....	4,071,480			4,071,480	116,328
New Zealand.....	645,785	1,614,830		2,260,615	64,589
Unallocated.....	525	148,331,400	1,206,400	149,628,325	4,275,095
Total value.....	\$122,670,450	\$911,465,030	\$10,926,860	\$1,045,062,340	
Total ounces.....	3,504,870	26,041,858	312,196		29,858,924

*Deposits of foreign silver bullion and coin during the calendar year 1941<sup>1</sup>*

[On quantity basis, see p. 48]

Country	Calendar year 1941		Country	Calendar year 1941	
	Fine ounces	Subsidiary coining value at \$1.38+ per fine ounce		Fine ounces	Subsidiary coining value at \$1.38+ per fine ounce
<b>Refined bullion:</b>					
Mexico -----	245,710	\$339,672			
Others -----	65,833	91,008			
<b>Crude bullion:</b>					
North America:			Crude bullion—Continue I.		
Cuba -----	274	378	Europe:		
Dominican Republic	2,438	3,370	Portugal -----	14	\$19
Mexico -----	53,382	73,796	Other European countries -----	38	53
Central America:			Asia:		
Costa Rica -----	9,104	12,586	China -----	3,581	4,951
Guatemala -----	699	966	Dutch East Indies -----		
Honduras -----	1,408	1,947	India -----	13,513	18,680
Nicaragua -----	4,893	6,764	Straits Settlements -----	2,122	2,933
Salvador -----	47,805	66,086	Africa:		
Other Central American countries -----	261	361	Egypt -----	95	131
South America:			Liberia -----	214	296
British Guiana -----	2,011	2,780	Oceania:		
Chile -----	11,609	16,048	Fiji Islands -----	29,780	41,168
Colombia -----	1,068	1,477	New Zealand -----	597	825
Ecuador -----	25,255	34,913	Secondary (numerous countries) -----		
Peru -----	19,626	27,131	Mixed foreign coin -----	737	1,019
Venezuela -----	4,252	5,878	Total fine ounces -----	547,196	
Other South American countries -----	873	1,207	Total subsidiary coinage value -----		756,449

<sup>1</sup> Does not include silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 72,583,913 fine ounces during the calendar year 1941.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 7,251,742 fine ounces not included in the above table, and consisted of: Refined silver from domestic refineries 459,487 fine ounces; Mexican refined, 6,592,843 fine ounces; and Canadian refined, 199,412 fine ounces.

*Number of gold and silver deposit transactions and assay determinations during the calendar year 1941*

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
<b>Deposit transactions:</b>							
Purchases -----	4,751	18,284	4,529	9,103	1,246	3,759	41,672
Purchase Act silver -----		71		335			406
Transfers -----	122	15					137
Intermitt transfers -----	8	3	81	3	1	1	97
Trust deposits -----	10	1					11
Total deposit transactions -----	4,891	18,374	4,610	9,441	1,247	3,760	42,323
<b>Deposit assay determinations:</b>							
Purchases -----	6,048	20,585	5,864	13,594	1,246	4,346	51,683
Purchase Act silver -----		71		6,544			6,615
Transfers -----	122	15					137
Intermitt transfers -----	6	3	2,556	172		1	2,738
Trust deposits -----	411	3					414
Total deposit assay determinations -----	6,587	20,677	8,420	20,310	1,246	4,347	61,587

*Deposits and purchases of gold during*

[On quantity]

Sources and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:		
Alaska.....	Fine ounces 13.777	Fine ounces 18,492.154
Alabama.....		52,327.677
Arizona.....		1,048,515.602
California.....		2,053
Colorado.....	.985	
Georgia.....		
Idaho.....	5.995	15,342.113
Montana.....		264.903
Nevada.....		206,055.556
New Mexico.....		20.589
North Carolina.....	3,202.334	
Oregon.....	1.358	25,110.749
South Carolina.....	15,253.515	
South Dakota.....		
Texas.....		1.044
Utah.....	240.362	21.441
Virginia.....		
Washington.....		192.150
Wyoming.....	1.049	
Philippine Islands.....		996,665.470
Puerto Rico.....	11.098	
Grains, receiving division.....	131.362	211.613
Operative recoveries (surplus bullion).....	125.446	2,938.082
Total newly mined unrefined.....	18,987.281	2,366,161.196
Domestic—Newly mined (domestic refinery product):		
Less than 0.995 fine.....		
0.995 fine and over.....		1,097,946.308
Total newly mined domestic.....	18,987.281	3,464,107.504
Domestic—Other:		
Secondary.....	75,978.298	29,413.802
Domestic coin:		
Purchased.....	21.658	64.153
From Treasury and Reserve Banks.....	7,109.640	
Total domestic.....	102,096.877	3,493,585.459
IMPORTS:		
Bullion, unrefined.....		386,538.599
Bullion, refined:		
From domestic refineries.....		20,025.479
Other.....		3,806,347.790
Secondary.....	6,295.534	
Foreign coin.....	272.383	5,984.794
Domestic coin.....	.108	
Total imports.....	6,568.025	4,218,896.662
Total primary receipts.....	108,664.902	7,712,482.121
Total acquisitions.....	108,664.902	7,712,482.121
INTERMINT TRANSFERS <sup>1</sup>		
Refined bars.....		
Unrefined bars.....		
Proof bullion.....		50.000
Total intermint transfers.....		50.000
Grand total, fine ounces.....	108,664.902	7,712,532.121
VALUE:		
Purchases at \$20.67+ per ounce.....	Value \$5,789.21	Value \$2,043.10
Increments to \$35 per ounce.....	4,008.85	1,416.27
Purchases at \$35 per ounce.....	3,544,636.21	269,933,414.88
Domestic coin from other Treasury offices (melted).....	248,837.39	
Intermint transfers.....		1,750.00
Total value at \$35 per ounce.....	3,803,271.66	269,938,624.25

<sup>1</sup> In addition to the intermint transfers listed in this tabulation, refined gold bullion having a value of \$1,345,473,719.88 was transferred from the New York Assay Office to the Depository at Fort Knox, Ky.

the calendar year ended Dec. 31, 1941

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	Fine ounces	Fine ounces	Fine ounces	Fine ounces
1,067		31,902	630,413.487	648,920.485
134,556		17,041		31,902
254,336			19,328	52,462.233
231,202.668	22,368	284,600		1,048,806.307
				231,205.706
				306,068
24,852.927			43,883.142	84,084.177
75,033.713			44,038.543	119,337.159
3,286.471			20,951.359	230,293.386
13,573.952				13,594.541
				3,202.334
3,587.854	15,734		27,714.122	56,414.083
42,833.560				15,269.249
				42,833.560
17,731.752				1,044
				17,753.193
79,401			7,453.503	240,362
448,434				7,725.054
				449.483
				996,665.470
37,244	76,341	9,124	46,293	20,222
564,550	2,335,262	2,174	67,129	505,027
				6,030,469
413,622.485	2,449.705	344.841	774,586.906	3,576,152.414
1,559.863			5,967.122	7,526.985
597,578.395	469,887.238			2,165,411.941
1,012,760.743	472,336.943	344.841	780,554.028	5,749,091.340
19,873.181	116,298.933	14,514.430	6,983.417	263,062.061
92,354	75,315	4.986	1.479	259.945
9,907.678				17,017.318
1,042,633.956	588,711.191	14,864.257	787,538.924	6,029,430.664
	3,102,700.839	1,562.833	97.780	3,490,900.051
3,730.070	286,833.461		86.923	310,675.933
	21,931,639.984			25,737,987.774
	867.721			7,163.255
12,185	305,827.237	1.460	1.319	312,099.378
	96.651			96.759
3,742.255	25,627,965.893	1,564.293	186.022	29,858,923.150
1,046,376.211	26,216,677.084	16,428.550	787,724.946	35,888,353.814
1,046,376.211	26,216,677.084	16,428.550	787,724.946	35,888,353.814
19,088,201.096				19,088,201.096
10,299,115.984	117,290.451	10,000	10,000	10,416,406.435
				70.000
29,387,317.080	117,290.451	10,000	10,000	29,504,677.531
30,433,693.291	26,333,967.535	16,438.550	787,734.946	65,393,031.345
<i>Value</i>	<i>Value</i>	<i>Value</i>	<i>Value</i>	<i>Value</i>
\$2,277.09	\$5,401.56	\$223.09	\$523.40	\$16,257.45
1,578.33	3,743.97	154.62	362.85	11,264.89
36,272,543.32	917,574,556.11	574,621.31	27,569,486.01	1,255,469,257.84
346,768.73				595,606.12
1,028,556,097.85	4,105,165.78	350.00	350.00	1,032,663,713.63
1,065,179,265.32	921,688,867.42	575,349.02	27,570,722.26	2,288,756,099.93

*Deposits and purchases of silver during*

[On quantity]

Source and description	Philadelphia	San Francisco
<b>PRIMARY RECEIPTS</b>		
DOMESTIC—Mine sources:		
Alaska	1.80	3,442.18
Alabama		
Arizona		119,823.62
California		793,829.94
Colorado	.20	.28
Georgia		
Idaho	.74	8,574.88
Montana		17.82
Nevada		2,191,747.12
New Mexico		216.09
North Carolina	1.32	
Oregon	.15	4,078.61
South Carolina	6.03	
South Dakota		
Texas		.11
Utah		29.69
Virginia	134.17	
Washington		32.33
Wyoming	.10	
Philippine Islands		870,828.52
Puerto Rico	1.06	
Grains, receiving division	82.83	140.18
Operative recoveries (surplus bullion)		1,993.23
Total newly mined unrefined	228.40	3,994,754.60
Domestic—Newly mined (domestic refinery product):		
Less than 0.996 fine		3,793.37
0.996 fine and over	12,462,740.05	28,348,882.35
Total newly mined domestic	12,462,968.45	32,347,430.32
Domestic—Other:		
Secondary	21,943.03	78,712.33
Domestic coin:		
Purchased	1,752.79	235.82
From Treasury and Reserve Banks	1,714,569.35	161,212.73
Total domestic	14,201,233.62	32,587,591.20
<b>IMPORTS:</b>		
Bullion, unrefined		98,654.32
Bullion, refined:		
From domestic refineries		
Purchase Act Silver		7,911,416.89
Other		
Secondary	910.73	.07
Foreign coin		
Total imports	910.73	8,010,071.28
Total primary receipts	14,202,144.35	40,597,662.48
<b>INTERMINT TRANSFERS</b>		
Refined bars	814.81	
Unrefined bars		50.00
Proof bullion		
Assay coin	1,538.66	
Total intermint transfers	2,353.47	50.00
<b>DEPOSITED IN TRUST BY OTHER GOVERNMENTS</b>		
Imported bullion	6,592,843.61	199,411.67
Bullion from domestic refineries	459,487.07	
Total deposited in trust	7,052,330.68	199,411.67
Grand total fine ounces	21,256,828.50	40,797,124.15
<b>VALUE—</b>		
Cost of acquisition	\$8,870,836.23	\$25,821,942.80
Cost of bullion transferred	562.49	21.25
Subsidy coining value of transferred domestic coin	2,372,362.79	222,861.92
Monetary value (at \$1.29+ per fine ounce) of bullion transferred	1,053.49	64.65
Monetary value (at \$1.29+ per fine ounce) of silver acquired	16,145,551.50	52,281,470.35

*the calendar year ended Dec. 31, 1941*

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
<i>Fine ounces</i> 30,344.10	<i>Fine ounces</i> -----	<i>Fine ounces</i> 3.42	<i>Fine ounces</i> 66,579.07	<i>Fine ounces</i> 100,367.15 3.42
15.69				119,839.31
42.74		2.05	2.79	793,877.52
58,674.56				58,675.04
	11.20	23.86		35.06
11,748.11			6,831.72	27,150.45
145,571.83			15,854.94	161,444.59
4,802.02			3,099.49	2,199,648.63
697,482.62				697,698.71
				1.32
4,298.67			2,768.71	11,146.14
	4.62			10.65
50,277.30				50,277.30
				.11
456.57				486.26
				134.17
6,904.88			8,168.61	15,105.82
49.26				49.36
		.88		870,828.52
23.30	22.31		12.80	1.94
5,392.41	7,336.64		22.92	281.99
				14,745.20
1,016,079.06	7,374.77	30.78	103,341.05	5,121,808.66
120,551.34	24,439,649.14		4.05	124,348.76
				65,251,271.54
1,136,630.40	24,447,023.91	30.78	103,345.10	70,497,428.96
6,992.97	98,109.18	4,308.50	1,916.26	211,982.27
400.18				2,388.79
674,099.81				2,549,881.89
1,818,123.36	24,545,133.09	4,339.28	105,261.36	73,261,681.91
	135,246.67	668.45		234,569.44
	65,832.91			65,832.91
	64,672,496.44			72,583,913.33
1,923.15	243,787.04			245,710.19
	170.27			1,081.00
	2.45			2.52
1,923.15	65,117,535.78	668.45		73,131,109.39
1,820,046.51	89,662,668.87	5,007.73	105,261.36	146,392,791.30
119,406.29	75,809.45			814.81
	50.00			195,215.74
				100.00
				1,538.66
119,406.29	75,859.45			197,669.21
				6,792,255.28
				459,487.07
				7,251,742.35
1,939,452.80	89,738,528.32	5,007.73	105,261.36	153,842,202.86
<i>Value</i> \$807,569.55	<i>Value</i> \$42,088,807.99	<i>Value</i> \$1,701.62	<i>Value</i> \$66,055.53	<i>Value</i> \$77,656,913.72
66,789.89				98,939.92
931,881.55	31,566.29			3,527,106.26
154,383.89	98,080.90			253,582.93
1,481,628.05	115,927,490.97	6,474.64	136,095.49	185,978,711.00

*Domestic coins, including assay pieces, withdrawn from monetary use during the calendar year 1941*

Denomination	From Treasury stock	Purchased	Total
<b>Gold:</b>			
Double eagles.....	\$187,780.00	\$3,380.00	\$191,160.00
Eagles.....	82,330.00	835.00	83,165.00
Half eagles.....	69,560.00	625.00	70,185.00
Quarter eagles.....	15,097.50	402.50	15,500.00
3-dollar pieces.....	39.00	39.00	78.00
1-dollar pieces.....	144.00	114.00	258.00
Total gold, face amount.....	354,950.50	5,395.50	360,346.00
Total value of gold content at \$20.67+ per ounce.....			359,152.87
<b>Silver:</b>			
Trade dollars.....		27.00	27.00
Standard dollars.....		310.00	310.00
Half dollars.....	1,647,404.50	1,850.00	1,649,254.50
Quarter dollars.....	1,565,927.00	1,967.25	1,567,894.25
20-cent pieces.....	1.60		1.60
Dimes.....	634,933.30	1,611.60	636,544.90
Half dimes.....	163.55	.90	164.45
3-cent pieces.....	29.31	.06	29.37
Total silver, face amount.....	3,848,459.26	5,766.81	3,854,226.07
<b>Nickel:</b>			
5-cent pieces.....	261,282.45	12.75	261,295.20
3-cent pieces.....	12.93		12.93
1-cent pieces.....	14.30		14.30
Total nickel, face amount.....	261,309.68	12.75	261,322.43
<b>Bronze:</b>			
2-cent pieces.....	13.30		13.30
1-cent pieces.....	73,998.71	8.93	74,007.64
Total bronze, face amount.....	74,012.01	8.93	74,020.94
<b>Copper:</b>			
1-cent pieces.....	21.29		21.29
½-cent pieces.....	.04		.04
Total copper, face amount.....	21.33		21.33
Total minor, face amount.....	335,343.02	21.68	335,364.70
Total face amount.....	4,538,752.78	11,183.99	4,549,936.77

#### SUMMARY

Metal obtained by melting the above:			<i>Weights</i>
Gold.....		fine ounces.....	17,374.02
Silver.....		do.....	2,553,809.34
Nickel.....		gross ounces.....	798,643.59
Bronze and copper.....		do.....	721,973.27
Monetary value of metal obtained:			<i>Value</i>
Gold <sup>1</sup> .....			\$608,090.70
Silver.....			2,530,408.49
Nickel.....			248,411.69
Bronze and copper.....			72,197.33
Total.....			4,459,108.21
Loss by recoinage:			
Silver.....			323,817.58
Nickel.....			12,910.74
Bronze and copper.....			1,844.94
Total.....			338,573.26

<sup>1</sup> Gold at \$35. per fine ounce.

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ADDENDA TO REPORT OF THE DIRECTOR OF  
THE MINT

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## ADDENDA TO REPORT OF THE DIRECTOR OF THE MINT

### *Bases Used for Mint Service Statistics*

Gold and silver, as well as minor coinage metals, are accounted for by quantity as well as by value. Most of the published mint service statistics pertaining to such metals are on a primary quantity basis rather than a primary value basis because, in some degree, the value factor antedates the quantity factor, as when advance partial payments are made on large deposits of bullion or foreign coin pending determination by melt, assay, and computation, of the exact quantities and values of the materials deposited. The *quantity basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also melted coin that has been reviewed and classified after having been received as withdrawn from monetary use. The *value basis* comprises received bullion, the quantity and value whereof have been finally determined, whether or not paid for; also received bullion to the value of advance payments thereon prior to making final determinations; and received but unreviewed coin that has been withdrawn from monetary use. To effect reconciliation between the quantity basis and value basis, from period to period, would require consideration also of prior period advances.

The tabulations of "Deposits and purchases" include received metal for which payment is made in bars bearing the Government stamp, as well as that paid for by check or in cash. In these tabulations, prior to the fiscal year 1940, the receipt classification item of "Domestic refinery bullion" included that refined from new production of both domestic and foreign mines, also old or secondary source metals, with inconsiderable amounts from small refineries that worked only old materials. Beginning with the fiscal year 1940 segregation of these items has been made in the tabulations.

*Gold and silver production estimates.*—These estimates consist of arrivals at United States mints and assay offices and at privately owned refineries (bullion-producing plants), of gold and silver from mines within the States and Territories of the United States, including the production of the Philippine Islands which comes to the United States for reduction. The portion of this figure representing mint receipts is on the quantity basis.

*Gold and silver consumption in industry.*—These estimates comprise bar sales by the mints and assay offices for industrial use (partly estimated) plus similar items issued by private refiners, dealers (and manufacturers), as reported to the Mint Bureau, plus an estimate of domestic coin melted for industrial use; from the total of these is deducted the old jewelry, plate, scrap, etc., received by the same concerns, giving net new materials consumed.

*Stock of domestic coin.*—Consists of an estimate made in 1873 of gold and silver coin, the former of which was revised in 1907, with annual addition of new coinage and reported imports, and deduction of withdrawn coin, reported exports, and an estimate for industrial use; from 1928 to 1933 the additional factor of gold coin "earmarked," or set aside for foreign owners, was considered, such transactions being equivalent to exports and releases thereof being equivalent to imports. After 1933 gold coin has been omitted as such; any unmelted gold coin on hand is treated as bullion. In 1928 minor coin was added, using only the 5-cent nickel and 1-cent bronze coins of the type commonly in circulation and considering only the amounts coined and those withdrawn for recoinage. The monetary stock tables for a series of years have been revised back to the establishing of the Federal Reserve System (1914) to include earmarked gold, and to include minor coin back to 1900. The item of coin withdrawn as used in the stock compilation omits the coin received for recoinage but not yet reviewed, which coin is subject to classification adjustments.

*Domestic coin made.*—These data cover the coin delivered from the manufacturing department to the issuing (cash) division, and include the new coin made from withdrawn old coin, as well as all other newly made coin. It is now required that all coins be delivered to the cash division during the year impressed on such coins; during the earlier years this was not always done.

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*Number of gold and silver deposit transactions and assay determinations thereon during the fiscal year 1942*

Item	Philadelphia	San Francisco	Denver	New York	New Orleans	Seattle	Total
Deposit transactions:							
Purchases	4,126	14,649	4,052	8,172	866	3,180	35,045
Purchase Act Silver		47		183			230
Transfers	105	37					142
Intermitt transfers	11	4	63	4		1	83
Trust deposits	16	5					21
Total deposit transactions	4,258	14,742	4,115	8,359	866	3,181	35,521
Deposit assay determinations:							
Purchases	5,206	16,308	5,225	11,274	866	3,767	42,646
Purchase Act Silver		47		7,433			7,480
Transfers	105	37					142
Intermitt transfers	3	4	1,461	264		1	1,733
Trust deposits	388	17					405
Total deposit assay determinations	5,702	16,413	6,686	18,971	866	3,768	52,406

*Deposits and purchases of gold*

[On quantity]

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine source:		
Alaska		
Alabama		
Arizona		
California		
Colorado	.985	
Georgia	10.555	
Idaho		
Montana	9.286	
Nevada		
New Mexico		
North Carolina	5,443.479	
Oregon		
South Carolina	13,346.140	
South Dakota		
Texas		
Utah		1,044
Virginia	36.254	123.243
Washington		
Wyoming	1.049	197.609
Philippine Islands		578,395.616
Puerto Rico	3.572	
Grains, receiving division	104.965	138.651
Operative recoveries (surplus bullion)	146.355	4,823.341
Total newly mined unrefined	19,116.417	1,748,715.527
Domestic—Newly mined (domestic refinery product):		
Less than 0.995 fine		
0.995 fine and over		1,044,679.666
Total newly mined domestic	19,116.417	2,793,395.193
Domestic—Other:		
Secondary	66,892.460	22,917.759
Domestic coin:		
Purchased	9.965	85.198
From Treasury and Reserve banks		
Total domestic	86,018.842	2,816,398.150
IMPORTS:		
Bullion, unrefined		234,369.260
Bullion, refined:		
From domestic refineries		79,331.233
Other		1,979,416.200
Secondary	1,692.171	
Foreign coin	166.073	524.438
Total imports	1,858.244	2,293,641.131
Total primary receipts	87,877.086	5,110,039.281
REDEPOSITS		
From Treasury and Federal Reserve banks		
From other sources		
Total redeposits		
Total acquisitions	87,877.086	5,110,039.281
INTERMINT TRANSFERS <sup>1</sup>		
Refined bars	27,958.704	
Unrefined bars		50.000
Proof bullion		
Total intermint transfers	27,958.704	50.000
Grand total, fine ounces	115,835.790	5,110,089.281
VALUE:		
Purchases at \$20.67+ per ounce	Value \$3,884.57	Value \$3,180.00
Increment to \$35 per ounce	2,692.49	2,204.27
Purchases at \$35 per ounce	3,069,121.07	178,845,990.58
Domestic coin from other Treasury offices (melted)	978,554.64	1,750.00
Intermint transfers		
Total value at \$35 per ounce	4,054,252.77	178,853,124.85

<sup>1</sup> In addition to the intermint transfers listed in this tabulation, refined gold bullion having a value of \$1,004,487,044.14 was transferred from the New York Assay Office to the Depository at Fort Knox, Ky.

*during the fiscal year 1942*

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
<i>Fine ounces</i> 183. 019	<i>Fine ounces</i> 411. 251	<i>Fine ounces</i> 18. 205	<i>Fine ounces</i> 601, 512. 816	<i>Fine ounces</i> 619, 517. 070 18. 205
44. 747	6. 046	17. 041	27. 973	45, 060. 272
1. 443				887, 169. 730
223, 573. 283	5. 471	135. 217		223, 620. 603
16, 832. 074			41, 460. 909	154. 683
71, 499. 726			36, 809. 143	72, 237. 805
2, 099. 940			24, 528. 697	108, 533. 838
9, 786. 990	9. 253			204, 459. 314
1, 903. 688	7. 190		25, 624. 720	9, 807. 579
37, 411. 380				5, 452. 732
16, 786. 308				50, 673. 926
23. 679			6, 150. 981	13, 353. 330
447. 636				37, 411. 380
				1. 044
85. 122	51. 102	34. 344	109. 695	16, 909. 551
370. 551	1, 060. 997			36. 254
380, 749. 586	1, 551. 310	204. 807	736, 224. 934	6, 372. 269
1, 559. 863			3, 906. 574	448. 685
590, 143. 078	425, 145. 024			578, 395. 616
				3. 572
972, 452. 527	426, 696. 334	204. 807	740, 131. 508	523. 879
20, 242. 095	110, 006. 407	10, 702. 742	6, 046. 476	6, 401. 244
7. 731	53. 835	3. 982	1. 685	2, 886, 562. 581
13, 445. 715				5, 466. 437
1, 006, 148. 068	536, 756. 576	10, 911. 531	746, 179. 669	2, 059, 967. 768
				236, 807. 939
	1, 998, 458. 600	881. 895	130. 483	162. 396
6, 871. 324	215, 322. 134			13, 445. 715
	9, 113, 498. 000			2, 326. 111
	633. 940			301, 524. 691
13. 458	163, 718. 695	2. 036	2. 693	11, 092, 914. 200
				2, 326. 111
6, 884. 782	11, 491, 631. 369	883. 931	133. 176	164, 427. 393
1, 013, 032. 850	12, 028, 387. 945	11, 795. 462	746, 312. 845	13, 795, 032. 633
				18, 997, 445. 469
	16. 911			16. 911
				16. 911
1, 013, 032. 850	12, 028, 404. 856	11, 795. 462	746, 312. 845	18, 997, 462. 330
26, 187, 871. 643				26, 215, 830. 347
8, 600, 397. 574	100, 739. 918			8, 701, 137. 492
50. 000			10. 000	110. 000
34, 788, 319. 217	100, 739. 918		10. 000	34, 917, 077. 839
35, 801, 352. 067	112, 129, 144. 774	11, 795. 462	746, 322. 845	53, 914, 540. 219
<i>Value</i>	<i>Value</i>	<i>Value</i>	<i>Value</i>	<i>Value</i>
\$621. 58	\$2, 718. 67	\$221. 63	\$227. 07	\$10, 853. 52
430. 88	1, 884. 40	153. 59	157. 48	7, 523. 11
34, 984, 497. 26	420, 989, 571. 17	412, 465. 03	26, 120, 564. 88	664, 422, 209. 99
470, 600. 02				470, 600. 02
1, 217, 591, 172. 63	3, 525, 897. 13		350. 00	1, 222, 097, 724. 40
1, 253, 047, 322. 37	424, 520, 071. 37	412, 840. 25	26, 121, 299. 43	1, 887, 008, 911. 04

*Deposits and purchases of silver*

[On quantity]

Source and description	Philadelphia	San Francisco
PRIMARY RECEIPTS		
DOMESTIC—Mine sources:	<i>Fine ounces</i>	<i>Fine ounces</i>
Alaska	1.80	3, 267. 52
Alabama		88, 659. 59
Arizona		635, 851. 13
California		9. 57
Colorado	.20	.10
Georgia	1.37	
Idaho		7, 820. 15
Montana	1.40	11. 01
Nevada		1, 962, 180. 75
New Mexico		216. 09
North Carolina	18. 49	
Oregon		3, 712. 82
South Carolina	6. 03	
South Dakota		
Texas		.11
Utah		117. 61
Virginia	.51	
Washington		33. 01
Wyoming	.10	
Philippine Islands		486, 889. 10
Puerto Rico	.34	
Grains, receiving division	64. 55	115. 66
Operative recoveries (surplus bullion)		37, 742. 74
Total newly mined unrefined	94. 79	3, 226, 626. 96
Domestic—Newly mined (domestic refinery product):		
Less than 0.996 fine		4, 171. 39
0.996 fine and over	11, 107, 913. 00	26, 050, 802. 89
Total newly mined domestic	11, 108, 007. 79	29, 281, 601. 24
Domestic—Other:		
Secondary	20, 475. 05	44, 996. 23
Domestic coin—Purchased	1, 713. 17	793. 57
From Treasury and Reserve Banks	1, 365, 920. 26	92, 442. 92
Total domestic	12, 496, 116. 27	29, 419, 833. 96
IMPORTS:		
Bullion, unrefined		55, 197. 06
Bullion, refined:		
From domestic refineries		
Purchase Act Silver		4, 899, 640. 62
Other		
Secondary	304. 22	
Foreign coin		.06
Total imports	304. 22	4, 954, 837. 74
Total primary receipts	12, 496, 420. 49	34, 374, 671. 70
INTERMINT TRANSFERS		
Refined bars		
Unrefined bars		
Proof bullion		50. 00
Assay coin	797. 85	
Total intermint transfers	797. 85	50. 00
DEPOSITED IN TRUST BY OTHER GOVERNMENTS		
Imported bullion	3, 922, 070. 21	2, 217, 808. 88
Bullion from domestic refineries	1, 205, 635. 17	
United States Government stamped bars	42. 25	
Total deposited in trust	5, 127, 747. 63	2, 217, 808. 88
Grand total fine ounces	17, 624, 965. 97	36, 592, 530. 58
VALUE:		
Cost of acquisitions	<i>Value</i>	<i>Value</i>
Cost of bullion transferred	\$7, 906, 639. 56	\$22, 551, 719. 51
Subsidiary coining value of transferred domestic coin		20. 44
Monetary value (at \$1.29+ per fine ounce) of bullion transferred	1, 889, 363. 16	127, 793. 92
Monetary value (at \$1.29+ per fine ounce) of silver acquired		64. 65
	14, 390, 949. 78	44, 324, 497. 78

during the fiscal year 1942

basis, see p. 48]

Denver	New York	New Orleans	Seattle	Total
Fine ounces	Fine ounces	Fine ounces	Fine ounces	Fine ounces
10,178.53			83,882.68	97,330.53
6.19	0.71	1.85		1.85
.15		2.05	3.33	88,666.49
52,655.45	1.23	14.39		635,856.66
6,658.98				52,665.22
135,969.78				17.09
1,167.60				24,563.97
538,266.63	1.52			162,086.79
894.07	.43		5,279.98	1,971,510.71
53,743.55				538,482.72
419.96				20.01
1,683.64				9,886.87
50.58				6.46
51.01	17.63	32.98	15,050.08	53,743.55
14,003.46	9,915.94			.11
815,749.58	9,937.46	51.27	148,601.17	537.57
121,546.07	27,027,403.76		9.16	.51
937,295.05	27,037,341.22	51.27	148,610.33	315.13
7,591.78	110,028.75	2,875.37	1,725.36	61,662.14
487.07	5.85			16,766.73
369,498.71				50.68
1,314,873.21	27,147,375.82	2,926.64	150,335.69	486,889.10
	124,792.00	412.05		.34
	183,092.30			315.13
	48,514,483.54			64,186,119.65
	230,987.42			125,726.62
	159.55			68,512,907.50
	2.64			187,692.54
	49,053,517.45	412.05		2,999.66
1,314,873.21	76,200,893.27	3,338.69	150,335.69	1,827,861.89
				70,531,461.59
				180,401.11
				183,092.30
				53,414,124.16
				230,987.42
				463.77
				2.70
				54,009,071.46
				124,540,533.05
15,219.60				15,219.60
4,516,404.23	90,935.15			4,607,339.38
	3,047.00			3,097.00
				797.85
4,531,623.83	93,982.15			4,626,453.83
				6,139,879.09
				1,205,635.17
				42.25
				7,345,556.51
5,846,497.04	76,294,875.42	3,338.69	150,335.69	136,512,543.39
<i>Value</i>	<i>Value</i>	<i>Value</i>	<i>Value</i>	<i>Value</i>
\$662,835.17	\$39,010,077.94	\$1,134.38	\$98,436.03	\$70,230,842.59
3,129,720.18	38,409.13			3,168,149.75
510,798.29				2,527,955.37
5,859,069.18	121,512.27			5,980,646.10
1,222,302.38	98,522,366.98	4,316.69	194,373.41	158,658,807.02

*Deposits of gold at United States mints and assay offices since 1873*

[On quantity basis; see p. 48]

Fiscal year ended June 30 <sup>1</sup> —	Character of gold deposited					Total
	Domestic bullion, including domestic refinery product from foreign ores, etc. <sup>4</sup>	Domestic coin	Foreign bullion	Foreign coin	Surplus bullion, grains, jewelers' bars, old plate, etc.	
1873-80.....	\$296,386,251	\$36,680,347	\$31,740,610	\$58,390,402	\$6,695,117	\$429,892,727
1881-90.....	320,010,731	4,646,175	125,985,892	139,575,173	23,097,496	613,315,467
1891-1900.....	527,993,373	11,636,566	142,438,254	158,499,958	33,452,759	874,020,910
1901-10.....	1,027,923,621	24,424,096	292,990,021	151,141,502	50,674,530	1,546,853,770
1911-20.....	1,207,510,554	57,683,006	1,058,976,705	498,731,121	71,763,836	2,894,665,222
1921-25.....	377,017,522	11,540,452	1,407,812,217	400,701,903	66,370,352	2,263,442,476
1926.....	72,415,516	2,088,238	81,815,854	10,683,789	13,555,249	180,558,646
1927.....	72,580,338	2,704,941	40,384,083	100,678,518	13,433,124	229,781,004
1928.....	68,669,228	2,216,232	53,381,116	42,724,624	12,654,429	179,645,629
1929.....	66,980,739	2,589,766	143,093,226	26,378,562	13,264,327	252,306,620
1930.....	87,025,852	1,665,345	76,553,557	139,014,343	12,983,615	317,272,712
1931.....	78,512,423	3,355,730	68,290,592	49,326,914	14,661,922	214,150,581
1932.....	136,157,968	2,945,295	140,751,989	122,821,525	13,327,268	416,004,045
1933.....	132,164,806	1,637,139	299,587,432	15,595,624	17,762,724	466,747,725
1934 <sup>2</sup> .....	505,506,297	10,761,326	435,355,154	2,594,085	27,253,689	981,470,551
1935.....	588,514,140	3 1,532,597,896	623,321,981	61,582,176	55,098,699	2,861,114,892
1936.....	339,184,170	3 1,004,019,947	1,115,448,840	28,895,413	25,813,143	2,513,361,513
1937.....	199,478,002	3 152,226,777	1,543,485,208	1,251,966	16,161,586	1,912,603,539
1938.....	209,045,356	3 7,074,347	900,728,334	3,095,675	14,448,225	1,130,391,937
1939.....	292,962,521	3 1,269,916	2,895,341,664	24,007,161	12,233,912	3,225,815,174
1940.....	209,712,611	826,025	2,854,616,654	10,063,732	11,140,063	3,086,359,085
1941.....	207,008,201	801,161	2,678,649,221	633,280,730	10,241,010	3,529,980,323
1942.....	173,077,508	476,284	477,071,187	5,754,959	8,531,249	664,911,187
Total.....	7,195,837,758	2,871,870,007	17,487,549,791	2,684,789,855	544,618,324	30,784,665,735

<sup>1</sup> Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

<sup>2</sup> Gold values for fiscal year 1934 and thereafter are calculated on the basis of \$35 per fine ounce; prior thereto on the basis of \$20.67 per fine ounce.

<sup>4</sup> Beginning with fiscal year 1940 figures include domestic bullion only.

*Deposits of silver at the United States mints and assay offices since 1873*

[On quantity basis; see p. 48]

Fiscal year ended June 30 <sup>1</sup>	Character of silver deposited								Total	
	Domestic bullion, including domestic refinery product from foreign ores, etc. <sup>6</sup>	Domestic coin		Foreign bullion <sup>2</sup>	Foreign coin			Surplus bullion, grains, jewelers' bars, old plate, etc.		
		United States	Hawaiian		Philip- pines and Danish West Indies, for recoining	Other				
	<i>Fine ounces</i>	<i>Fine ounces</i>	<i>Fine ounces</i>	<i>Fine ounces</i>	<i>Fine ounces</i>	<i>Fine ounces</i>	<i>Fine ounces</i>	<i>Fine ounces</i>	<i>Fine ounces</i>	
1873-80 ..	134, 328, 580	936, 884	-----	9, 650, 739	-----	2, 432, 822	1, 485, 882	148, 834, 907		
1881-90 ..	262, 693, 183	9, 520, 744	-----	13, 592, 062	-----	6, 862, 935	3, 678, 702	296, 347, 626		
1891-1900 ..	207, 582, 522	35, 320, 524	-----	10, 741, 204	-----	3, 586, 744	5, 206, 736	262, 437, 730		
1901-10 ..	77, 154, 402	13, 920, 767	618, 016	19, 003, 742	32, 594, 959	7, 606, 744	6, 060, 434	156, 959, 064		
1911-20 ..	75, 026, 914	18, 198, 526	708	19, 881, 277	34, 288, 901	17, 880, 262	7, 687, 482	142, 964, 070		
1921-30 ..	218, 245, 969	20, 522, 169	-----	22, 242, 803	-----	6, 865, 352	8, 625, 420	276, 501, 713		
1931 ..	1, 566, 216	3, 615, 196	-----	1, 333, 817	-----	78, 174	583, 107	7, 176, 510		
1932 ..	594, 613	4, 937, 134	-----	989, 943	-----	365, 720	679, 242	7, 566, 652		
1933 ..	567, 579	5, 580, 855	-----	627, 680	-----	5, 594	728, 225	7, 509, 933		
1934 ..	10, 909, 547	5, 026, 105	-----	21, 488, 552	-----	17, 468	586, 358	38, 028, 030		
1935 ..	4 140, 540, 635	5, 840, 287	-----	294, 409, 533	5 42, 324	165, 433	2, 678, 599	443, 676, 811		
1936 ..	4 49, 146, 962	4, 765, 179	-----	558, 830, 375	5 1, 241	1, 000, 917	630, 566	611, 375, 240		
1937 ..	4 63, 251, 692	3, 997, 293	-----	163, 237, 051	-----	867	249, 816	230, 736, 719		
1938 ..	69, 031, 701	3, 644, 595	-----	337, 409, 003	-----	577	217, 188	410, 303, 064		
1939 ..	63, 298, 478	3, 207, 616	-----	352, 925, 689	-----	17	164, 190	419, 596, 020		
1940 ..	62, 532, 500	2, 995, 176	-----	196, 387, 414	-----	489	211, 920	262, 127, 529		
1941 ..	71, 918, 759	2, 730, 501	-----	91, 154, 501	-----	3, 381	249, 678	166, 056, 820		
1942 ..	68, 450, 930	1, 831, 660	-----	54, 009, 068	-----	3	249, 670	121, 541, 331		
Total ..	1, 576, 841, 182	146, 591, 241	618, 724	2, 167, 914, 483	36, 927, 425	46, 873, 499	39, 973, 215	4, 015, 739, 769		

<sup>1</sup> Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

<sup>2</sup> In 1934 and thereafter includes imported bars (whether of foreign bullion or of domestic bullion previously exported) acquired under the Silver Purchase Act of June 19, 1934.

<sup>4</sup> Includes refined bars (of whatever production source) received under Executive proclamation of Aug. 9, 1934 (nationalized silver). <sup>5</sup> Danish West Indies.

<sup>6</sup> Beginning with fiscal year 1940 figures include domestic bullion only.

*Domestic coins, including assay pieces, withdrawn from monetary use during the fiscal year 1942*

[On quantity basis, see p. 48]

Denomination	From Treasury stock	Purchased	Total
<b>Gold:</b>			
Double eagles.....	\$154,180.00	\$1,860.06	\$156,040.00
Eagles.....	64,200.00	650.00	64,850.00
Half eagles.....	52,740.00	485.00	53,225.00
Quarter eagles.....	7,632.50	292.50	7,925.00
\$3 pieces.....	12.00	30.00	42.00
\$1 pieces.....	83.00	90.00	173.00
Total gold, face amount.....	278,847.50	3,407.50	282,255.00
Total value of gold at \$20.67+ per ouncee.....			281,304.62
<b>Silver:</b>			
Trade dollars.....		12.00	12.00
Standard dollars.....		562.00	562.00
Half dollars.....	1,224,108.50	1,912.00	1,226,020.50
Quarter dollars.....	1,088,709.25	1,689.00	1,090,398.25
20-cent pieces.....	.80		.80
Dimes.....	449,245.20	1,509.60	450,754.80
Half dimes.....	60.15	.65	60.80
3-cent pieces.....	19.02	.06	19.08
Total silver, face amount.....	2,762,142.92	5,685.31	2,767,828.23
<b>Nickel:</b>			
5-cent pieces.....	255,031.25	6.10	255,037.35
3-cent pieces.....	14.64		14.64
1-cent pieces.....	16.73		16.73
Total nickel, face amount.....	255,062.62	6.10	255,068.72
<b>Bronze:</b>			
2-cent pieces.....	16.42		16.42
1-cent pieces.....	60,653.03	10.13	60,663.16
Total bronze, face amount.....	60,669.45	10.13	60,679.58
<b>Copper:</b>			
1-cent pieces.....	29.75		29.75
½-cent pieces.....	.04		.04
Total copper, face amount.....	29.79		29.79
Total minor, face amount.....	315,761.86	16.23	315,778.09
Total face amount.....	3,356,752.28	9,109.04	3,365,861.32
<b>SUMMARY</b>			
Metal obtained by melting the above:			
Gold.....		fine ounces.....	13,608.11
Silver.....		do.....	1,831,659.40
Nickel.....		gross ounces.....	780,597.71
Bronze and copper.....		do.....	592,149.13
Monetary value of metal obtained:			
Gold <sup>1</sup> .....		Value.....	\$476,283.89
Silver.....			2,532,102.11
Nickel.....			242,798.64
Bronze and copper.....			59,214.91
Total.....			3,310,399.55
Loss by recoinage:			
Silver.....			235,726.12
Nickel.....			12,270.08
Bronze and copper.....			1,494.46
Total.....			249,490.66

<sup>1</sup> At \$35 per ouncee.

*Standard silver dollars (mutilated), purchased as bullion for use in the manufacture of subsidiary silver coin since 1883*

Fiscal year: <sup>1</sup>	Amount	Fiscal year—Continued.	Amount
1883-90	\$67, 837	1931	\$1, 193
1891-1900	106, 188	1932	442
1901-10	14, 939	1933	513
1911-20	13, 986	1934	504
1921	948	1935	649
1922	2, 447	1936	638
1923	2, 635	1937	339
1924	1, 918	1938	607
1925	1, 773	1939	629
1926	2, 594	1940	366
1927	3, 638	1941	407
1928	1, 391	1942	562
1929	852		
1930	1, 329	Total	229, 327

<sup>1</sup> Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

*Silver coin withdrawn from circulation for recoinage into subsidiary coin, including silver dollars, since 1890*

Fiscal year <sup>1</sup>	Face amount	Face amount of new coin producible	Loss	Fiscal year <sup>1</sup>	Face amount	Face amount of new coin producible	Loss
1891-1900	\$54, 973, 368	\$52, 562, 283	\$2, 411, 085	1932	\$7, 482, 437	\$6, 825, 156	\$657, 281
1901-10	20, 479, 140	19, 225, 132	1, 254, 008	1933	8, 467, 446	7, 715, 023	752, 423
1911-20	<sup>2</sup> 26, 181, 212	25, 525, 323	655, 889	1934	7, 563, 736	6, 948, 272	615, 464
1921	<sup>2</sup> 746, 284	702, 116	44, 168	1935	8, 828, 214	8, 074, 032	754, 182
1922	2, 571, 425	2, 398, 058	173, 367	1936	7, 200, 195	6, 587, 520	612, 675
1923	3, 508, 345	3, 272, 750	235, 595	1937	6, 026, 887	5, 526, 508	500, 379
1924	2, 224, 110	2, 063, 050	161, 060	1938	5, 514, 687	5, 038, 320	476, 367
1925	2, 650, 726	2, 438, 878	211, 848	1939	4, 861, 773	4, 434, 279	427, 494
1926	2, 746, 730	2, 527, 848	218, 882	1940	4, 530, 970	4, 140, 548	390, 422
1927	3, 936, 868	3, 637, 021	299, 847	1941	4, 122, 939	3, 774, 669	348, 270
1928	4, 224, 510	3, 896, 122	328, 388	1942	2, 767, 828	2, 532, 102	235, 726
1929	3, 803, 020	3, 489, 500	313, 520				
1930	4, 347, 695	3, 944, 682	403, 013	Total	205, 248, 041	192, 276, 871	12, 971, 170
1931	5, 487, 496	4, 997, 679	489, 817				

<sup>1</sup> Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.

<sup>2</sup> Includes silver dollars melted for subsidiary silver coin under act of Apr. 23, 1918, \$11,111,168.

*Deposits of foreign gold bullion and coin during the fiscal year 1942 (on quantity basis, see p. 48)*

Country	Crude bullion	Refined bullion	Coin	Total mon- etary value	Total fine ounces
North America:					
Canada	\$16,121,035	\$227,110,800	\$22,575	\$243,254,410	6,950,126
Mexico	4,412,800	28,220,850	3,589,180	36,222,830	1,034,938
Cuba	58,205			58,205	1,663
Dominican Republic	596,540			596,540	17,044
British West Indies	1,330		350	1,680	48
Other N. American countries	4,585	58,730		63,315	1,809
Central America	1,715,420	1,760,815	4,025	3,480,260	99,436
South America:					
Argentina	32,760	52,500		85,260	2,436
Brazil	140			140	4
British Guiana	781,935			781,935	22,341
Chile	2,054,745	2,088,905		4,143,650	118,390
Colombia	22,721,790	1,050		22,722,840	649,224
Peru	6,413,400	2,001,965		8,415,365	240,439
Uruguay	115,465	56,350		171,815	4,909
Venezuela	4,298,245			4,298,245	122,807
Europe:					
Belgium	105		35	140	4
Denmark	595,210		1,657,250	2,252,460	64,356
France	665		560	1,225	35
Germany	2,485		630	3,115	89
Great Britain	1,174,355	1,484,945	448,385	3,107,685	88,791
Greece	13,125		21,560	34,085	991
Netherlands		13,652,275	665	13,652,940	390,084
Portugal	210	143,885	2,205	146,300	4,180
Spain			105	105	3
Sweden	805		70	875	25
Switzerland			1,260	1,260	36
Other Europe			210	210	6
Eurasia: Union of Socialist Soviet Re- publics		51,641,765	35	51,641,800	1,475,480
Asia:					
China	1,352,050	29,155		1,381,205	39,463
Dutch East Indies	4,166,330	25,709,740		29,876,070	853,602
India	5,209,715			5,209,715	148,849
Straits Settlements	1,845,025	315		1,845,340	52,724
Turkey			910	910	26
Other Asia	35		35	70	2
Africa:					
Belgian Congo		3,531,780		3,531,780	100,908
Liberia	263,200	34,300		297,500	8,500
French Equatorial Africa	1,663,585			1,663,585	47,531
Southern Rhodesia		74,900		74,900	2,140
Union of South Africa		3,515,855		3,515,855	100,453
Other Africa			315	315	9
Oceania:					
Australia		36,850,520		36,850,520	1,052,872
Fiji Islands	2,282,840			2,282,840	65,224
New Zealand	367,710	783,965		1,151,675	32,905
Unallocated			4,970	4,970	142
Total value	\$78,265,845	\$398,805,365	\$5,755,330	\$482,826,540	
Total ounces	2,236,167	11,394,439	164,438		13,795,044

*Deposits of foreign silver bullion and coin during the fiscal year 1942<sup>1</sup>*

[On quantity basis, see p. 48]

Country	Fiscal year 1942		Country	Fiscal year 1942	
	Fine ounces	Subsidiary coining value at \$1.38+ per fine ounce		Fine ounces	Subsidiary coining value at \$1.38+ per fine ounce
<b>REFINED BULLION</b>					
Mexico-----	235,008	\$324,877	South America—Continued		
Others-----	183,093	253,109	Venezuela-----	4,078	\$5,637
<b>CRUDE BULLION</b>			Other South American countries-----	130	180
North America:			Europe:		
Cuba-----	301	416	Portugal-----	1	1
Dominican Republic-----	2,931	4,052	Germany-----	29	40
Mexico-----	38,124	52,703	Other European countries-----	37	51
Central America:			Asia:		
Costa Rica-----	11,562	15,983	China-----	1,251	1,729
Guatemala-----	288	398	India-----	6,068	8,389
Honduras-----	1,365	1,887	Straits Settlements-----	2,122	2,933
Nicaragua-----	3,776	5,220	Africa:		
Panama-----	24	33	French Equatorial Africa-----	3,514	4,858
Salvador-----	20,996	29,025	Liberia-----	316	437
Other Central American countries-----	75	104	Oceania:		
South America:			Fiji Islands-----	18,199	25,159
British Guiana-----	1,439	1,989	New Zealand-----	299	413
Chile-----	8,466	11,704	Mixed foreign coin-----	3	4
Colombia-----	1,068	1,477	Total fine ounces-----	594,947	
Ecuador-----	25,255	34,913	Total subsidiary coining value-----		822,460
Peru-----	25,129	34,739			

<sup>1</sup> Does not include refined silver purchased under the Silver Purchase Act of June 19, 1934, amounting to 53,414,124 fine ounces for the fiscal year 1942.

NOTE.—The deposits of silver received for use in coinage for other governments amounted to 7,345,557 fine ounces not included in the above table and consisted of: Mexican refined, 3,922,075 fine ounces; Canada refined, 1,498,303 fine ounces; Philippine refined, 719,503 fine ounces; refined silver from domestic refineries, 1,205,634 fine ounces; and miscellaneous refined silver, 42 fine ounces.

*Gold imports and exports of the United States, with net movement, by calendar years, since 1873*

[From United States import and export statistics]

Calendar year <sup>1</sup>	Exports			Imports	Excess of—	
	Domestic <sup>2</sup>	Foreign <sup>2</sup>	Total		Exports over imports	Imports over exports
1873-80-----	\$170,100,255	\$17,992,553	\$188,092,808	\$240,427,807		\$52,334,999
1881-90-----	214,074,949	45,309,525	259,384,474	277,932,720		\$18,548,246
1891-1900-----	589,580,502	60,887,559	650,468,061	605,177,467	\$45,290,594	
1901-10-----	644,494,400	36,469,196	680,963,596	751,883,761		70,920,165
1911-20-----	1,638,918,055	50,553,630	1,689,471,685	2,491,130,794		801,659,109
1921-----	19,610,981	4,280,395	23,891,376	691,248,297		667,356,921
1922-----	35,865,106	1,009,788	36,874,894	275,169,785		238,294,891
1923-----	27,866,445	776,972	28,643,417	322,715,812		294,072,395
1924-----	60,309,354	1,338,959	61,648,313	319,720,918		258,072,605
1925-----	262,263,206	376,584	262,639,790	128,273,172	134,366,618	
1926-----	114,094,363	1,613,452	115,707,815	213,504,020		97,796,205
1927-----	201,241,325	213,775	201,455,100	207,535,195		6,080,095
1928-----	555,386,442	5,372,899	560,759,341	168,897,307	391,862,034	
1929-----	116,431,430	151,496	116,582,926	291,648,632		175,065,706
1930-----	114,715,091	1,252,241	115,967,332	396,053,695		280,086,363
1931-----	466,774,590	19,869	466,794,459	612,119,211		145,324,752
1932-----	796,042,647	13,484,877	809,527,524	363,315,127	446,212,397	
1933-----	286,014,088	80,638,105	366,652,193	193,196,686	173,455,507	
1934-----			52,758,664	1,186,670,510		1,133,911,846
1935-----			1,960,319	1,740,979,115		1,739,018,796
1936-----			27,533,521	1,144,117,412		1,116,583,891
1937-----			46,020,018	1,621,523,270		1,575,503,252
1938-----			5,888,904	1,979,457,519		1,973,568,615
1939-----			508,063	3,574,658,840		3,574,150,777
1940-----			4,994,899	4,749,467,203		4,744,472,304
1941 <sup>3</sup> -----						
Total-----			6,775,189,492	24,546,824,275	1,191,187,150	18,962,821,933
Net imports-----						17,771,634,783

<sup>1</sup> Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

<sup>2</sup> Segregation not made in 1934 and thereafter.

<sup>3</sup> Figures will not be published for duration of war.

*Silver imports and exports of the United States, with net movement, by calendar years, since 1873*

[From United States import and export statistics]

Calendar year <sup>1</sup>	Exports			Imports	Excess of—	
	Domestic <sup>2</sup>	Foreign <sup>2</sup>	Total		Exports over imports	Imports over exports
1873-80	\$154,961,041	\$41,910,117	\$199,901,158	\$92,487,371	\$107,413,787	-----
1881-90	181,962,434	92,481,372	274,443,806	155,672,202	118,771,604	-----
1891-1900	417,544,181	90,125,739	507,669,920	256,332,873	251,337,047	-----
1901-10	475,850,976	66,692,935	542,543,911	367,980,603	174,563,308	-----
1911-20	957,310,982	108,503,646	1,065,814,628	522,908,141	542,906,487	-----
1921	24,502,947	27,072,452	51,575,399	63,242,671	-----	\$11,667,272
1922	25,457,915	37,349,371	62,807,286	76,806,653	-----	7,999,367
1923	40,387,198	32,081,591	72,468,789	74,453,530	-----	1,984,741
1924	91,160,389	18,730,614	109,891,033	73,944,902	35,946,131	-----
1925	81,802,658	17,324,927	99,127,585	64,595,418	34,532,167	-----
1926	74,557,587	17,699,977	92,257,564	69,595,936	22,661,628	-----
1927	60,314,749	15,310,031	75,624,780	55,073,917	20,550,863	-----
1928	64,328,802	23,053,214	87,382,016	68,117,329	19,264,687	-----
1929	62,837,751	20,569,446	83,407,197	63,939,830	19,467,367	-----
1930	43,549,586	10,606,998	54,156,584	42,760,841	11,395,743	-----
1931	21,719,225	4,766,028	26,485,253	28,664,139	-----	2,178,886
1932	10,204,472	3,645,422	13,849,894	19,649,943	-----	5,800,049
1933	14,177,764	4,863,209	19,040,973	60,224,746	-----	41,183,773
1934	-----	-----	16,551,336	102,725,135	-----	86,173,799
1935	-----	-----	18,801,291	354,531,001	-----	335,729,710
1936	-----	-----	11,965,493	182,816,199	-----	179,850,706
1937	-----	-----	12,042,339	91,876,984	-----	79,834,645
1938	-----	-----	7,082,153	230,531,137	-----	223,448,984
1939	-----	-----	14,629,792	85,307,095	-----	70,677,303
1940	-----	-----	3,674,385	58,433,866	-----	54,759,481
1941 <sup>3</sup>	-----	-----	-----	-----	-----	-----
Total	-----	-----	3,523,194,565	3,256,672,462	1,358,810,819	1,101,288,716
Net exports	-----	-----	-----	-----	257,522,103	-----

<sup>1</sup> Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

<sup>2</sup> Segregation not made in 1934 and thereafter.

<sup>3</sup> Figures will not be published for duration of war.

*Coinage of gold and silver of the United States, by weight and face amount, by fiscal years, since 1873*

Fiscal year ended June 30 <sup>1</sup>	Gold <sup>2</sup>		Silver		Subsidiary coined <sup>3</sup>
	Fine ounces	Face amount	Fine ounces consumed	Dollars coined <sup>3</sup>	
1873-80	17,001,238	\$351,446,781	114,151,137	\$100,674,788	\$49,466,089
1881-90	18,831,356	389,278,674	240,813,031	305,694,752	6,055,768
1891-1900	31,172,853	644,400,068	145,449,899	129,119,775	62,943,239
1901-10	47,455,500	980,992,174	124,567,811	71,776,395	95,459,617
1911-20	13,457,436	278,189,899	84,587,998	-----	116,935,193
1921	-----	-----	24,413,888	19,043,000	13,389,070
1922	2,563,876	53,000,016	71,572,517	92,388,473	160,093
1923	2,911,691	60,190,000	86,119,410	110,715,000	675,000
1924	7,455,555	154,120,000	16,614,133	11,870,000	10,276,040
1925	12,109,956	250,335,000	20,107,252	18,308,000	8,221,404
1926	3,111,265	64,315,565	14,448,979	11,432,700	7,750,478
1927	4,061,323	83,955,000	10,371,755	4,456,900	9,572,659
1928	12,074,158	249,595,000	6,589,652	2,018,649	6,937,418
1929	1,932,339	39,945,000	5,417,138	-----	7,488,700
1930	64,339	1,330,000	6,638,774	-----	9,177,500
1931	221,074	4,570,000	575,300	-----	795,300
1932	5,370,350	111,015,000	580,870	-----	803,000
1933	1,279,519	26,450,000	837,813	-----	1,158,200
1934	-----	-----	2,269,173	-----	3,136,925
1935	-----	-----	23,364,568	5,635,557	26,273,810
1936	-----	-----	20,031,262	1,439,000	26,152,805
1937	-----	-----	23,844,080	-----	32,962,267
1938	-----	-----	14,362,568	-----	19,854,941
1939	-----	-----	7,978,145	-----	11,029,058
1940	-----	-----	19,391,999	-----	26,807,671
1941	-----	-----	35,598,407	-----	49,211,552
1942	-----	-----	61,709,138	-----	85,307,259
Total	181,073,828	3,743,128,177	1,182,406,697	884,572,989	688,001,056

<sup>1</sup> Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

<sup>2</sup> The coinage of domestic gold coin was discontinued in 1933.

<sup>3</sup> Both standard and trade dollars. The silver dollar coinage of 1921-28 represents recoinage of an equivalent number of dollars converted to bullion under act of Apr. 23, 1918—259,121,554 for export to India and 11,111,168 for domestic subsidiary coin; total, 270,232,722.

*Authority for United States coinage, by denominations, with standard weight and fineness, and total coined*

GOLD COINAGE<sup>1</sup>

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to 1934	
50 dollars commemorative, Panama-Pacific International Exposition:					
Octagonal	Jan. 16, 1915	Grains	Thou-sandths	Pieces	Face amount
Round	do	1,290	900	1,509	\$75,450.00
Double eagle (\$20)	Mar. 3, 1849	516	900	1,510	75,500.00
Do	Feb. 12, 1873	516	900		
Eagle (\$10)	Apr. 2, 1792	270	916 $\frac{2}{3}$	174,105,606	3,482,112,120.00
Do	June 28, 1834	258	899.225	57,683,485	576,834,850.00
Do	Jan. 18, 1837	258	900		
Do	Feb. 12, 1873	258	900		
Half eagle (\$5)	Apr. 2, 1792	135	916 $\frac{2}{3}$		
Do	June 28, 1834	129	899.225		
Do	Jan. 18, 1837	129	900	78,911,869	394,559,345.00
Do	Feb. 12, 1873	129	900		
Quarter eagle (\$2.50) <sup>2</sup>	Apr. 2, 1792	67.5	916 $\frac{2}{3}$		
Do <sup>2</sup>	June 28, 1834	64.5	899.225	20,216,590	50,541,475.00
Do <sup>2</sup>	Jan. 18, 1837	64.5	900		
Do <sup>2</sup>	Feb. 12, 1873	64.5	900		
Quarter eagle (\$2.50), commemorative:					
Panama-Pacific International Exposition	Jan. 16, 1915	64.5	900	10,017	25,042.50
Sesquicentennial Exhibition	Mar. 3, 1925	64.5	900	200,226	500,565.00
3 dollars <sup>3</sup>	{ Feb. 21, 1853 Feb. 12, 1873 }	77.4	900	539,792	1,619,376.00
1 dollar <sup>3</sup>	{ Mar. 3, 1849 Feb. 12, 1873 }	25.8	900	19,499,337	19,499,337.00
1 dollar, commemorative:					
Louisiana Purchase Exposition	June 28, 1902	25.8	900	250,258	250,258.00
Lewis and Clark Exposition	Apr. 13, 1904	25.8	900	60,069	60,069.00
Panama-Pacific International Exposition	Jan. 16, 1915	25.8	900	25,034	25,034.00
McKinley memorial	Feb. 23, 1916	25.8	900	30,040	30,040.00
Grant memorial	Feb. 2, 1922	25.8	900	10,016	10,016.00
Total gold				351,545,358	4,526,218,477.50

<sup>1</sup> Coinage of domestic gold coin discontinued in 1933; sec. 5 of the Gold Reserve Act of 1934 provides in part as follows:

"No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States \* \* \*. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

<sup>2</sup> Discontinued by act of Apr. 11, 1930.

<sup>3</sup> Discontinued by act of Sept. 26, 1890.

*Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued*

## SILVER COINAGE

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1941	
				Grains	Thousands
Dollar <sup>1</sup>	Apr. 2, 1792	416	.892.4		
Do <sup>1</sup>	Jan. 18, 1837	412½	.900		
Do	Feb. 28, 1878	412½	.900	855,611,127	\$855,611,127.00
Do	July 14, 1890	412½	.900		
Do	Mar. 3, 1891	412½	.900		
Do	Apr. 23, 1918	412½	.900		
Trade dollar <sup>3</sup>	Feb. 12, 1873	420	.900	35,965,924	35,965,924.00
Dollar, commemorative: Lafayette	Mar. 3, 1899	412½	.900	50,026	50,026.00
Half dollar	Apr. 2, 1792	208	.892.4		
Do	Jan. 18, 1837	206½	.900	593,183,192	296,591,596.00
Do	Feb. 21, 1853	192	.900		
Do	Feb. 12, 1873	192.9	.900		
Half dollar, commemorative:					
Columbian Exposition	Aug. 5, 1892	192.9	.900	5,002,105	2,501,052.50
Panama-Pacific International Exposition	Jan. 16, 1915	192.9	.900	60,030	30,015.00
Illinois Centennial	June 1, 1918	192.9	.900	100,058	50,029.00
Maine Centennial	May 10, 1920	192.9	.900	50,028	25,014.00
Landing of Pilgrims Tercentennial	May 12, 1920	192.9	.900	300,165	150,082.50
Alabama Centennial	May 10, 1920	192.9	.900	70,044	35,022.00
Missouri Centennial	Mar. 4, 1921	192.9	.900	50,028	25,014.00
Grant	Feb. 2, 1922	192.9	.900	100,061	50,030.50
Monroe Doctrine Centennial	Jan. 24, 1923	192.9	.900	274,077	137,038.50
Huguenot-Walloon	Feb. 26, 1923	192.9	.900	142,080	71,040.00
Stone Mountain	Mar. 17, 1924	192.9	.900	2,314,709	1,157,354.50
Battle Lexington-Concord	Jan. 14, 1925	192.9	.900	162,059	81,049.50
California Diamond Jubilee	Feb. 24, 1925	192.9	.900	150,200	75,100.00
Fort Vancouver	do	192.9	.900	50,028	25,014.00
Sesquicentennial Exhibition	Mar. 3, 1925	192.9	.900	1,000,528	500,264.00
Battle of Bennington	Feb. 24, 1925	192.9	.900	40,034	20,017.00
Oregon Trail	May 17, 1926	192.9	.900	264,419	132,209.50
Hawaiian Discovery	Mar. 7, 1928	192.9	.900	10,008	5,004.00
Texas Centennial	June 15, 1933	192.9	.900	304,153	152,096.50
Daniel Boone Bicentennial	May 26, 1934	192.9	.900	108,603	54,301.50
Maryland Tercentennial	May 9, 1934	192.9	.900	25,015	12,507.50
Arkansas Centennial	May 14, 1934	192.9	.900	120,166	60,083.00
Connecticut Tercentennial	June 21, 1934	192.9	.900	25,018	12,509.00
City of Hudson, N. Y.	May 2, 1935	192.9	.900	10,008	5,004.00
Providence, R. I., Tercentennial	do	192.9	.900	50,034	25,017.00
California-Pacific Exposition	May 3, 1935	192.9	.900	430,224	215,112.00
Old Spanish Trail	June 5, 1935	192.9	.900	10,008	5,004.00
Columbia, S. C., Sesquicentennial	Mar. 18, 1936	192.9	.900	25,023	12,511.50
Cincinnati, Ohio, fiftieth anniversary as music center	Mar. 31, 1936	192.9	.900	15,016	7,508.00
Long Island, N. Y., Tercentennial	Apr. 13, 1936	192.9	.900	100,053	50,026.50
Great Lakes Exposition—Cleveland, Ohio, Centennial	May 5, 1936	192.9	.900	50,030	25,015.00
New Rochelle, N. Y., two hundred and fiftieth anniversary	do	192.9	.900	25,015	12,507.50
Bridgeport, Conn., Centennial	May 15, 1936	192.9	.900	25,015	12,507.50
Wisconsin Centennial	do	192.9	.900	25,015	12,507.50
Swedes' landing in Delaware, Tercentennial	do	192.9	.900	25,015	12,507.50

<sup>1</sup> Dollar of 1792 discontinued by act of Jan. 18, 1837; dollar of 1837 discontinued by act of Feb. 12, 1873.<sup>2</sup> See following:

## Silver-dollar coinage:

Act Apr. 2, 1792:				
From 1792 to 1805.			\$1,439,517	
During 1836.			1,000	\$1,440,517
Act Jan. 18, 1837: From 1839 to Feb. 12, 1873				6,590,721
Act Feb. 28, 1878 (Bland-Allison Act)				378,166,793
Act July 14, 1890 (Sherman Act), to date of repeal of purchasing clause thereof Oct. 31, 1893			\$36,087,285	
Act Nov. 1, 1893, to June 12, 1898			42,139,872	
Act June 13, 1898, war revenue bill			108,800,188	
Act Mar. 3, 1887 and 1891, trade-dollar conversion				187,027,345
Act Apr. 23, 1918, Pittman Act replacement:				5,078,472
Old design, since Feb. 21, 1921			\$86,730,000	
Peace dollar, since Dec. 21, 1921			183,502,722	
Act May 12, 1933 (sec. 43), Executive proclamation Dec. 21, 1933				270,232,722
Act June 19, 1934 (sec. 7), Executive proclamation Aug. 9, 1934				7,021,528
Total				53,029
				855,611,127

<sup>3</sup> Coinage limited to export demand by joint resolution July 22, 1876. Redeemed \$7,689,036 at face amount under act Mar. 3, 1887, converted into 5,078,472 standard dollars and \$2,889,011 subsidiary silver coin.<sup>4</sup> Discontinued by act of Mar. 3, 1887.

12½ grains, or 192.9 grains.

*Authority for United States coinage, by denominations, with standard weight and fineness, and total coined—Continued*

## SILVER COINAGE—Continued

Denomination	Authorizing act	Standard weight	Standard fineness	Total coined to Dec. 31, 1941	
Half dollar, commemorative—Con. Lynchburg, Va., Sesquicentennial					
Albany, N. Y., two hundred and fiftieth anniversary	May 28, 1936	Grains 192.9	Thousandths 900	Pieces 20,013	Face amount \$10,006.50
Elgin, Ill., Centennial	June 16, 1936	192.9	900	25,013	12,506.50
Battle of Gettysburg, seventy-fifth anniversary	do	192.9	900	25,015	12,507.50
Roanoke Island, N. C., three-hundred and fiftieth anniversary	do	192.9	900	50,028	25,014.00
San Francisco-Oakland Bay Bridge	June 24, 1936	192.9	900	50,030	25,015.00
York County, Maine Tercentennial	June 26, 1936	192.9	900	100,055	50,027.50
Battle of Antietam, seventy-fifth anniversary	do	192.9	900	25,015	12,507.50
Norfolk, Va., Tercentennial of land grant and bicentennial of city	June 24, 1937	192.9	900	50,028	25,014.00
Quarter dollar	Apr. 2, 1792	104	892.4	25,013	12,506.50
Do	Jan. 18, 1837	103½	900	1,031,921,145	257,980,286.25
Do	Feb. 21, 1853	96	900		
Do	Feb. 12, 1873	6 96.45	900		
Quarter dollar, commemorative: Columbian Exposition	Mar. 3, 1893	96.45	900	40,023	10,005.75
20 cents <sup>7</sup>	Mar. 3, 1875	6 77.16	900	1,355,000	271,000.00
Dime	Apr. 2, 1792	41.6	892.4	2,217,050,116	221,705,011.60
Do	Jan. 18, 1837	41½	900		
Do	Feb. 21, 1853	38.4	900		
Do	Feb. 12, 1873	9 38.58	900	97,604,388	4,880,219.40
Half dime <sup>10</sup>	Apr. 2, 1792	20.8	892.4		
Do <sup>10</sup>	Jan. 18, 1837	20½	900		
3 cents <sup>10</sup>	Feb. 21, 1853	19.2	900		
Do <sup>10</sup>	Mar. 3, 1851	12½	750	42,736,240	1,282,087.20
Do <sup>10</sup>	Mar. 3, 1853	11.52	900		
Total silver				4,887,401,543	1,680,289,464.20

<sup>6</sup> 6½ grams, or 96.45 grains.<sup>7</sup> Discontinued by act of May 2, 1878.<sup>10</sup> Discontinued by act of Feb. 12, 1873.<sup>8</sup> 5 grams, or 77.16 grains.<sup>9</sup> 2½ grams, or 38.58 grains.

## MINOR COINAGE

Denomination	Authorizing act	Standard weight	Standard composition	Total coined to Dec. 31, 1941	
5 cents (nickel)					
Do	May 16, 1866				
Do	Feb. 12, 1873	Grains 77.16	(3)	2,662,699,732	\$133,134,986.60
3 cents (nickel) <sup>1</sup>	Mar. 3, 1865	30	(3)	31,378,316	941,349.48
Do <sup>1</sup>	Feb. 12, 1873	30	(3)		
2 cents (bronze) <sup>2</sup>	Apr. 22, 1864	96	(4)	45,601,000	912,020.00
Cent (copper)	Apr. 2, 1792	264		175,850,744	1,758,507.44
Do	Jan. 14, 1793	208			
Do <sup>3</sup>	Jan. 26, 1796	186	(3)		
Do <sup>7</sup>	Jan. 18, 1837	168		200,772,000	2,007,720.00
Cent (nickel) <sup>4</sup>	Feb. 21, 1857	72	(6)		
Cent (bronze)	Apr. 22, 1864	48	(4)		
Do	Feb. 12, 1873	48	(4)	9,564,937,498	95,649,374.98
Half cent (copper)	Apr. 2, 1792	132		7,981,822	39,909.11
Do	Jan. 14, 1793	104			
Do <sup>6</sup>	Jan. 25, 1796	84	(3)		
Do <sup>7</sup>	Jan. 18, 1837	84		12,689,221,112	234,443,867.61
Total minor					
Total coinage				17,928,168,013	6,440,951,809.31

<sup>1</sup> Discontinued by act of Sept. 26, 1890.<sup>3</sup> Composed of 75 percent copper and 25 percent nickel.<sup>4</sup> Composed of 95 percent copper and 5 percent tin and zinc.<sup>5</sup> All copper.<sup>6</sup> Proclamation of the President in conformity with act of Mar. 3, 1795.<sup>7</sup> Discontinued by act of Feb. 21, 1857.<sup>9</sup> Composed of 88 percent copper and 12 percent nickel.<sup>2</sup> Discontinued by act of Feb. 12, 1873.<sup>8</sup> Discontinued by act of Apr. 22, 1864.

*United States Coins Carrying 1792 Date*

It appears that an inconsiderable number of coins bearing the date 1792, of denominations dime, half-dime, and one cent, are in the hands of coin collectors. Such coins are not included in the Mint official coinage records, which have their initiation as of 1793. Evidently they were of a preliminary, if not experimental, nature. However, the coinage system was provided for by legislation of April 2, 1792, and May 8, 1792, and historical records, including the following excerpt from President George Washington's fourth report to the Congress of the United States, appear to authenticate the issue of coins in 1792. Excerpt from President Washington's report to Congress dated November 6, 1792:

In execution of the authority given by the legislature, measures have been taken for engaging some artists from abroad to aid in the establishment of our Mint. Others have been employed at home. Provisions have been made for the requisite buildings, and these are now putting into proper condition for the purposes of the establishment. There has been a small beginning in the coinage of half dismes, the want of small coins in circulation calling the first attention to them.

*Coinage of each mint, by face amount, with grand total*

Denomination	Philadelphia, 1793-1941	San Francisco, 1854-1941	Denver, 1906-41
<b>Gold:</b>			
50 dollars		\$150,950.00	
Double eagles	\$1,423,602,540.00	1,762,690,520.00	\$262,160,000.00
Eagles	345,549,320.00	145,584,060.00	59,092,800.00
Half eagles	209,848,105.00	140,140,040.00	26,463,300.00
3 dollars	1,357,716.00	186,300.00	
Quarter eagles	42,413,887.50	1,886,297.50	2,704,200.00
Dollars	18,573,821.00	115,266.00	
<b>Total gold</b>	<b>2,041,345,389.50</b>	<b>2,050,753,433.50</b>	<b>350,420,300.00</b>
<b>Silver:</b>			
Dollars	423,758,122.00	183,504,073.00	47,406,100.00
Trade dollars	5,107,524.00	26,647,000.00	
Half dollars	187,674,382.00	64,591,850.00	27,495,893.50
Quarter dollars	180,464,509.75	31,816,534.25	28,044,300.00
20 cents	11,342.00	231,000.00	
Dimes	150,079,011.30	33,148,518.90	29,579,380.00
Half dimes	3,948,791.90	119,100.00	
3 cents	1,260,487.20		
<b>Total silver</b>	<b>932,304,170.15</b>	<b>340,058,076.15</b>	<b>132,525,673.50</b>
<b>Minor:</b>			
5 cents	108,036,071.60	10,626,200.00	14,472,715.00
3 cents	941,349.48		
2 cents	912,020.00		
1 cent	81,432,842.42	8,574,200.00	9,408,560.00
Half cent	39,909.11		
<b>Total minor</b>	<b>191,362,192.61</b>	<b>19,200,400.00</b>	<b>23,881,275.00</b>
<b>Total face amount</b>	<b>3,165,011,752.26</b>	<b>2,410,011,909.65</b>	<b>506,827,248.50</b>
<b>Total pieces</b>	<b>13,680,574,790</b>	<b>2,003,222,943</b>	<b>1,766,070,807</b>

*Coinage of each mint during  
BY NUMBER*

Mint	1932	1933	1934	1935
Philadelphia: Gold	5,564,750	758,000		
Silver	5,404,000	64,150,244	102,140,072	
Minor	9,062,000	14,360,000	239,293,003	303,652,006
<b>Total</b>	<b>20,030,750</b>	<b>15,118,000</b>	<b>303,443,247</b>	<b>405,792,072</b>
San Francisco: Gold				
Silver	408,000	1,786,000	4,663,000	27,590,656
Minor				49,002,000
<b>Total</b>	<b>408,000</b>	<b>1,786,000</b>	<b>4,663,000</b>	<b>76,592,655</b>
Denver: Gold				
Silver	436,800	5,250	14,237,106	19,283,320
Minor	10,500,000	6,200,000	35,926,000	59,092,000
<b>Total</b>	<b>10,936,800</b>	<b>6,205,250</b>	<b>50,163,106</b>	<b>78,375,320</b>
All mints: Grand total pieces	31,375,550	23,109,250	358,269,353	560,760,047

*pieces, since organization to close of business, Dec. 31, 1941*

New Orleans, 1838-61, 1879-1909	Carson City, 1870-93	Charlotte, 1838-61	Dahlonega, 1838-61	Total, face amount	Total pieces
\$16, 375, 500.00	\$17, 283, 560.00			\$150, 950.00	3, 019
23, 610, 890.00	2, 997, 780.00			3, 482, 112, 120.00	174, 105, 606
4, 618, 625.00	3, 548, 085.00	\$4, 405, 135.00	\$5, 536, 055.00	576, 834, 850.00	57, 683, 485
72, 000.00			3, 360.00	394, 559, 345.00	78, 911, 869
3, 023, 157.50		544, 915.00	494, 625.00	1, 619, 376.00	539, 792
1, 004, 000.00		109, 138.00	72, 529.00	51, 067, 082.50	20, 426, 833
				10, 874, 754.00	19, 874, 751
48, 704, 172.50	23, 829, 425.00	5, 059, 188.00	6, 106, 569.00	4, 526, 218, 477.50	351, 545, 358
187, 111, 520.00	13, 881, 329.00			855, 661, 153.00	855, 661, 153
	4, 211, 400.00			35, 965, 924.00	35, 965, 924
40, 117, 338.00	2, 654, 313.50			302, 533, 777.00	605, 067, 554
15, 085, 750.00	2, 579, 198.00			257, 990, 292.00	1, 031, 961, 168
	28, 658.00			271, 000.00	1, 355, 000
6, 807, 990.60	2, 090, 110.80			221, 705, 011.60	2, 217, 050, 116
812, 327.50				4, 880, 219.40	97, 604, 388
21, 600.00				1, 282, 087.20	42, 736, 240
249, 956, 535.10	25, 445, 009.30			1, 680, 289, 464.20	4, 887, 401, 543
				133, 134, 986.60	2, 662, 699, 732
				941, 349.48	31, 378, 316
				912, 020.00	45, 601, 000
				99, 415, 602.42	9, 941, 560, 242
				39, 909.11	7, 981, 822
				234, 443, 867.61	12, 689, 221, 112
298, 660, 707.60	49, 274, 434.30	5, 059, 188.00	6, 106, 569.00	6, 440, 951, 809.31	
419, 076, 513	56, 636, 119	1, 208, 131	1, 378, 710		17, 928, 168, 013

*the past 10 calendar years*

#### OF PIECES

1936	1937	1938	1939	1940	1941	Total
141, 772, 083	86, 398, 955	35, 818, 947	108, 124, 032	110, 244, 352	278, 361, 256	6, 322, 750
428, 638, 989	388, 665, 089	176, 212, 099	437, 107, 055	763, 325, 030	1, 090, 322, 820	932, 413, 941
570, 411, 072	475, 064, 044	212, 031, 046	545, 231, 087	873, 569, 382	1, 368, 684, 076	3, 850, 638, 085
570, 411, 072	475, 064, 044	212, 031, 046	545, 231, 087	873, 569, 382	1, 368, 684, 076	4, 789, 374, 776
17, 080, 111	13, 500, 519	10, 944, 024	15, 725, 110	34, 354, 000	67, 268, 000	193, 319, 419
44, 060, 000	40, 135, 000	19, 285, 000	58, 700, 000	152, 630, 000	135, 805, 000	499, 617, 000
61, 140, 111	53, 635, 519	30, 229, 024	74, 425, 110	186, 984, 000	203, 073, 000	692, 936, 419
25, 991, 538	23, 044, 625	6, 050, 620	35, 758, 908	23, 995, 600	73, 597, 200	222, 400, 967
65, 434, 000	68, 256, 000	32, 406, 000	18, 674, 000	124, 930, 000	182, 132, 000	603, 550, 000
91, 425, 538	91, 300, 625	38, 456, 620	54, 432, 908	148, 925, 600	255, 729, 200	825, 950, 967
722, 976, 721	620, 000, 188	280, 716, 690	674, 089, 105	1, 209, 478, 982	1, 827, 486, 276	6, 308, 262, 162

*Coinage of each mint during the  
BY FACE AMOUNT*

Mint and denomination	1932	1933	1934	1935
<b>PHILADELPHIA</b>				
Gold: Double eagles.....	\$22,035,000.00	\$8,910,000.00	.....	.....
Eagles.....	44,630,000.00	3,125,000.00	.....	.....
Half eagles.....	.....	.....	.....	.....
Quarter eagles.....	.....	.....	.....	.....
Total gold.....	66,665,000.00	12,035,000.00	.....	.....
Silver: Dollars.....	.....	.....	\$954,057.00	\$1,576,000.00
Half dollars.....	.....	.....	3,602,067.50	4,625,036.00
Quarter dollars.....	1,351,000.00	.....	7,978,013.00	8,121,000.00
Dimes.....	.....	.....	2,408,000.00	5,883,000.00
Total silver.....	1,351,000.00	.....	14,942,137.50	20,205,036.00
Minor: 5 cents.....	.....	.....	1,010,650.15	2,913,200.00
1 cent.....	90,620.00	143,600.00	2,190,800.00	2,453,880.00
Total minor.....	90,620.00	143,600.00	3,201,450.15	5,367,080.00
Total face amount.....	68,106,620.00	12,178,600.00	18,143,587.65	25,572,116.00
<b>SAN FRANCISCO</b>				
Silver: Dollars.....	.....	.....	1,011,000.00	1,964,000.00
Half dollars.....	.....	893,000.00	1,826,000.00	2,063,327.50
Quarter dollars.....	102,000.00	.....	.....	1,415,000.00
Dimes.....	.....	.....	.....	1,584,000.00
Total silver.....	102,000.00	893,000.00	2,837,000.00	7,026,327.50
Minor: 5 cents.....	.....	.....	.....	515,000.00
1 cent.....	.....	.....	.....	387,020.00
Total minor.....	.....	.....	.....	902,020.00
Total face amount.....	102,000.00	893,000.00	2,837,000.00	7,928,347.50
<b>DENVER</b>				
Silver: Dollars.....	.....	.....	1,569,500.00	.....
Half dollars.....	.....	2,625.00	1,184,203.00	1,513,160.00
Quarter dollars.....	109,200.00	.....	881,800.00	1,445,000.00
Dimes.....	.....	.....	677,200.00	1,047,700.00
Total silver.....	109,200.00	2,625.00	4,312,703.00	4,005,860.00
Minor: 5 cents.....	.....	.....	374,000.00	604,600.00
1 cent.....	105,000.00	62,000.00	284,460.00	470,000.00
Total minor.....	105,000.00	62,000.00	658,460.00	1,074,600.00
Total face amount.....	214,200.00	64,625.00	4,971,163.00	5,080,460.00
<b>ALL MINTS</b>				
Grand total face amount.....	68,422,820.00	13,136,225.00	25,951,750.65	38,580,923.50

## past 10 calendar years—Continued

## AND DENOMINATION

1936	1937	1938	1939	1940	1941	Total
						\$30,945,000.00
						47,755,000.00
						78,700,000.00
\$6,482,058.00	\$4,915,828.50	\$2,070,087.00	\$3,412,958.00	\$4,583,639.50	12,103,706.00	41,795,380.50
10,325,959.25	4,925,385.50	2,370,011.25	8,387,198.75	8,928,811.50	19,761,821.75	72,149,201.00
8,750,413.00	5,686,575.60	2,219,872.80	6,774,932.10	6,536,182.70	17,510,655.70	55,769,631.90
25,558,430.25	15,527,789.60	6,659,971.05	18,575,088.85	20,048,633.70	49,376,183.45	172,244,270.40
5,950,071.00	3,974,288.45	975,768.25	6,031,376.75	8,824,957.90	10,164,186.00	39,844,498.50
3,096,375.69	3,091,793.20	1,566,967.34	3,164,795.20	5,868,258.72	8,870,391.00	30,537,481.15
9,046,446.69	7,066,081.65	2,542,735.59	9,196,171.95	14,693,216.62	19,034,577.00	70,381,979.65
34,604,876.94	22,593,871.25	9,202,706.64	27,771,260.80	34,741,850.32	68,410,760.45	321,326,250.05
2,021,055.50	1,054,259.50	11,012.00	1,278,555.00	2,275,000.00	4,049,000.00	2,975,000.00
957,000.00	413,000.00	708,000.00	657,000.00	2,091,000.00	4,020,000.00	15,471,209.50
921,000.00	974,000.00	809,000.00	1,054,000.00	2,156,000.00	4,309,000.00	10,333,000.00
						11,807,000.00
3,899,055.50	2,441,259.50	1,528,012.00	2,989,555.00	6,492,000.00	12,378,000.00	40,586,209.50
746,500.00	281,750.00	205,250.00	331,500.00	1,984,500.00	2,172,250.00	6,236,750.00
291,300.00	345,000.00	151,800.00	520,700.00	1,129,400.00	923,600.00	3,748,820.00
1,037,800.00	626,750.00	357,050.00	852,200.00	3,113,900.00	3,095,850.00	9,985,570.00
4,936,855.50	3,068,009.50	1,885,062.00	3,841,755.00	9,605,900.00	15,473,850.00	50,571,779.50
2,242,769.00	854,512.50	256,810.00	2,136,454.00		5,624,200.00	1,569,500.00
1,343,500.00	1,797,400.00		1,773,000.00	699,400.00	4,178,700.00	13,814,733.50
1,613,200.00	1,414,600.00	553,700.00	2,439,400.00	2,119,800.00	4,563,400.00	12,228,000.00
						14,429,000.00
5,199,469.00	4,066,512.50	810,510.00	6,348,854.00	2,819,200.00	14,366,300.00	42,041,233.50
1,240,700.00	891,300.00	619,800.00	175,700.00	2,177,000.00	2,671,600.00	8,754,700.00
406,200.00	504,300.00	200,100.00	151,600.00	813,900.00	1,287,000.00	4,284,560.00
1,646,900.00	1,395,600.00	819,900.00	327,300.00	2,990,900.00	3,958,600.00	13,039,260.00
6,846,369.00	5,462,112.50	1,630,410.00	6,676,154.00	5,810,100.00	18,324,900.00	55,080,493.50
46,388,101.44	31,123,993.25	12,718,178.64	38,289,169.80	50,157,850.32	102,209,510.45	426,978,523.05

*Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization*

Calendar year	50 dollars	Doubloons	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1793							
1794							
1795		\$27,950	\$43,535				
1796		60,800	16,995				
1797		91,770	32,030				
1798		79,740	124,335				
1799		174,830	37,255				
1800		259,650	58,110				
1801		292,540	130,030				
1802		150,900	265,880				
1803		89,790	167,530				
1804		97,950	152,375				
1805			165,915				
1806			320,465				
1807			420,465				
1808			277,890				
1809			169,375				
1810			501,435				
1811			497,905				
1812			290,435				
1813			477,140				
1814			77,270				
1815			3,175				
1816							
1817							
1818			242,940				
1819			258,615				
1820			1,319,030				
1821			173,205			16,120.00	
1822			88,980				
1823			72,425				
1824			86,700			6,500.00	
1825			145,300			11,085.00	
1826			90,345			1,900.00	
1827			124,565			7,000.00	
1828			140,145				
1829			287,210			8,507.50	
1830			631,755			11,350.00	
1831			702,970			11,300.00	
1832			787,435			11,000.00	
1833			968,150			10,400.00	
1834			3,660,845			293,425.00	
1835			1,857,670			328,505.00	
1836			2,765,735			1,369,965.00	
1837			1,035,605			112,700.00	
1838		72,000	1,600,420			137,345.00	
1839		382,480	802,745			191,622.50	
1840		473,380	1,048,530			153,572.50	
1841		656,310	380,945			54,602.50	
1842		1,089,070	655,330			85,007.50	
1843		2,506,240	4,275,425			1,327,132.50	
1844		1,250,610	4,087,715			89,345.00	
1845		736,530	2,743,640			276,277.50	
1846		1,018,750	2,736,155			279,272.50	
1847		14,337,580	5,382,685			482,060.00	
1848		1,813,340	1,863,560			98,612.50	
1849		6,775,180	1,184,645			111,147.50	
1850	\$26,225,220	3,489,510	860,160			895,547.50	\$936,789
1851	48,043,100	4,393,280	2,651,955			3,867,337.50	511,301
1852	44,860,520	2,811,060	3,689,635			3,283,827.50	3,658,820
1853	26,646,520	2,522,530	2,305,095			3,519,615.00	2,201,145
1854	18,052,340	2,305,760	1,513,235	\$491,214		1,896,397.50	4,384,149
1855	25,046,820	1,487,010	1,257,090	171,465		600,700.00	1,657,016
1856	30,437,560	1,429,900	1,806,665	181,530		1,213,117.50	824,883
1857	28,797,500	481,060	1,232,970	104,673		796,235.00	1,788,996
1858	21,873,480	343,210	439,770	6,399		144,082.50	801,602
1859	13,782,840	253,930	361,235	46,914		142,220.00	131,472
1860	22,584,400	278,830	352,365	42,465		164,360.00	193,431
1861	74,989,060	1,287,330	3,332,130	18,216		3,241,295.00	51,234
1862	18,926,120	234,950	69,825	17,355		300,882.50	527,499
1863	22,187,200	112,480	97,360	15,117		27,075.00	1,326,865
1864	19,958,900	60,800	40,540	8,040		7,185.00	5,950
1865	27,874,000	207,050	144,535	3,495		62,302.50	3,725
1866	30,820,500	237,800	253,200	12,090		105,175.00	7,180
1867	23,436,300	121,400	179,600	7,950		78,125.00	5,250
1868	18,722,000	241,550	288,625	14,625		94,062.50	10,525
1869	17,238,100	82,850	163,925	7,575		84,612.50	5,925
1870	22,819,480	164,430	143,550	10,605		51,387.50	9,335
1871	20,456,740	254,650	245,000	3,990		68,375.00	3,930
1872	21,230,600	244,500	275,350	6,090		52,575.00	3,530
1873	55,456,700	173,680	754,605	75		512,562.50	125,125
Total:	1793-1873	680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927

*Combined gold coinage (face amount) of the mints of the United States, by denominations and calendar years, since their organization—Continued*

Calendar year	50 dollars	Double eagles	Eagles	Half eagles	3 dollars	Quarter eagles	Dollars
1874		\$33,917,700	\$799,270	\$203,530	\$125,460	\$9,850.00	\$198,820
1875		32,737,820	78,350	105,240	60	30,050.00	420
1876		46,386,920	104,280	61,820	135	23,052.50	3,245
1877		43,504,700	211,490	182,660	4,464	92,630.00	3,920
1878		45,916,500	1,031,440	1,427,470	246,972	1,160,650.00	3,020
1879		28,889,260	6,120,320	3,727,155	9,090	331,225.00	3,030
1880		17,749,120	21,715,160	22,831,765	3,108	7,490.00	1,636
1881		14,585,200	48,796,250	33,458,430	1,650	1,700.00	7,660
1882		23,295,400	24,740,640	17,831,885	4,620	10,100.00	5,040
1883		24,980,040	2,595,400	1,647,990	2,820	4,900.00	10,840
1884		19,944,200	2,110,800	1,922,250	3,318	4,982.50	6,206
1885		13,875,560	4,815,270	9,065,030	2,730	2,217.50	12,205
1886		22,120	10,621,600	18,282,160	3,426	10,220.00	6,016
1887		5,662,420	8,706,800	9,560,435	18,480	15,705.00	8,543
1888		21,717,320	8,030,310	1,560,980	15,873	40,245.00	16,080
1889		16,995,120	4,298,850	37,825	7,287	44,120.00	30,729
1890		19,399,080	755,430	290,640		22,032.50	
1891		25,891,340	1,956,000	1,347,065		27,600.00	
1892		19,238,760	9,817,400	5,724,700		6,362.50	
1893		27,178,320	20,132,450	9,610,985		75,265.00	
1894		48,350,800	26,032,780	5,152,275		10,305.00	
1895		45,163,120	7,148,260	7,289,680		15,297.50	
1896		43,931,760	2,000,980	1,072,315		48,005.00	
1897		57,070,220	12,774,090	6,109,415		74,700.00	
1898		54,912,900	12,857,970	10,154,475		60,412.50	
1899		73,593,680	21,403,520	16,278,645		68,375.00	
1900		86,681,680	3,749,600	8,673,650		168,012.50	
1901		34,150,520	46,036,160	21,320,200		228,307.50	
1902		35,697,580	5,520,130	5,557,810		334,332.50	1 75,080
1903		24,828,560	7,766,970	10,410,120		503,142.50	1 175,178
1904		227,819,440	2,709,880	2,445,680		402,400.00	2 25,028
1905		37,440,220	5,703,280	5,915,040		544,860.00	2 35,041
1906		55,113,800	16,903,920	6,334,100		441,225.00	
1907		96,656,620	26,838,790	7,570,960		841,120.00	
1908		109,263,200	14,813,360	6,149,430		1,412,642.50	
1909		59,774,140	5,987,530	21,910,490		1,104,747.50	
1910		60,788,340	34,863,440	7,840,250		1,231,705.00	
1911		36,392,000	5,866,950	12,018,195		1,899,677.50	
1912		2,996,480	7,050,830	5,910,720		1,540,492.50	
1913		11,926,760	5,050,710	6,620,495		1,805,412.50	
1914		40,926,400	7,025,500	3,785,625		1,720,292.50	
1915	3 \$150,950	14,391,000	4,100,750	3,760,375		1,540,292.50	3 25,034
1916		15,920,000	1,385,000	1,200,000			5 20,026
1917							5 10,014
1918							
1919							
1920		15,725,000	1,265,000				
1921		10,570,000					
1922		80,670,000					
1923		45,365,000					
1924		206,010,000					
1925		190,935,000				1,445,000.00	
1926		66,785,000	10,140,000			7 1,615,565.00	
1927		124,675,000				970,000.00	
1928		176,320,000				1,040,000.00	
1929		35,595,000		3,310,000		1,330,000.00	
1930		1,480,000	960,000				
1931		60,895,000					
1932		22,035,000	44,630,000				
1933		8,910,000	3,125,000				
1934 <sup>8</sup>							
Total:							
1874-1934	150,950	2,801,646,120	521,177,910	325,669,960	449,493	24,316,780.00	692,827
1793-1873		680,466,000	55,656,940	68,889,385	1,169,883	26,750,302.50	19,181,927
Grand total	150,950	3,482,112,120	576,834,850	394,559,345	1,619,376	51,067,082.50	19,874,754

<sup>1</sup> Louisiana Purchase Exposition coins.

<sup>2</sup> Lewis and Clark Exposition coins.

<sup>3</sup> Panama-Pacific International Exposition coins; the fifties comprise octagonal, \$75,450; round, \$75,500.

<sup>4</sup> Includes \$25,042.50 Panama-Pacific International Exposition coins.

<sup>5</sup> McKinley memorial coins.

<sup>6</sup> Ulysses S. Grant Centennial coins.

<sup>7</sup> Includes \$500,565 National Sesquicentennial of Signing Declaration of Independence coins.

<sup>8</sup> Coinage of domestic gold coin discontinued in 1933; section 5 of the Gold Reserve Act of 1934 provides in part as follows: "No gold shall hereafter be coined, and no gold coin shall hereafter be paid out or delivered by the United States \* \* \*. All gold coin of the United States shall be withdrawn from circulation, and, together with all other gold owned by the United States, shall be formed into bars of such weights and degrees of fineness as the Secretary of the Treasury may direct."

*Combined silver coinage<sup>1</sup> of the mints of the United States, by denominations and calendar years, since their organization*

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1793							
1794		\$1,758	\$2,650.00				
1795		203,033	158,922.00				\$4,320.80
1796		72,920		\$1,473.50	\$2,213.50	511.50	
1797		7,776	1,959.00	63.00	2,526.10	2,226.35	
1798		327,536			2,755.00		
1799		423,515					
1800		220,920			2,176.00	1,200.00	
1801		54,454	15,144.50		3,464.00	1,695.50	
1802		41,650	14,945.00		1,097.50	650.50	
1803		66,064	15,857.50		3,304.00	1,892.50	
1804		19,570	78,259.50	1,684.50	826.50		
1805		321	105,861.00	30,348.50	12,078.00	780.00	
1806			419,788.00	51,531.00			
1807			525,788.00	55,160.75	16,500.00		
1808			684,300.00				
1809			702,905.00		4,471.00		
1810			638,138.00		635.50		
1811			601,822.00		6,518.00		
1812			814,029.50				
1813			620,951.50				
1814			519,537.50		42,150.00		
1815				17,308.00			
1816			23,575.00	5,000.75			
1817			607,783.50				
1818			980,161.00	90,293.50			
1819			1,104,000.00	36,000.00			
1820			375,561.00	31,861.00	94,258.70		
1821			652,898.50	54,212.75	118,651.20		
1822			779,786.50	16,020.00	10,000.00		
1823			847,100.00	4,450.00	44,000.00		
1824			1,752,477.00				
1825			1,471,583.00	42,000.00	51,000.00		
1826			2,002,090.00				
1827			2,746,700.00	1,000.00	121,500.00		
1828			1,537,600.00	25,500.00	12,500.00		
1829			1,856,078.00		77,000.00	61,500.00	
1830			2,382,400.00		51,000.00	62,000.00	
1831			2,936,830.00	99,500.00	77,135.00	62,135.00	
1832			2,398,500.00	80,000.00	52,250.00	48,250.00	
1833			2,603,000.00	39,000.00	48,500.00	68,500.00	
1834			3,206,002.00	71,500.00	63,500.00	74,000.00	
1835			2,676,003.00	488,000.00	141,000.00	138,000.00	
1836		1,000	3,273,100.00	118,000.00	119,000.00	95,000.00	
1837			1,814,910.00	63,100.00	104,200.00	113,800.00	
1838			1,773,000.00	208,000.00	239,493.40	112,750.00	
1839		300	1,748,768.00	122,786.50	229,638.70	108,285.00	
1840		61,005	1,145,054.00	153,331.75	253,358.00	113,954.25	
1841		173,000	355,500.00	143,000.00	363,000.00	98,250.00	
1842		184,618	1,484,882.00	214,250.00	390,750.00	58,250.00	
1843		165,100	3,056,000.00	403,400.00	152,000.00	58,250.00	
1844		20,000	1,885,500.00	290,300.00	7,250.00	32,500.00	
1845		24,500	1,341,500.00	230,500.00	198,500.00	78,200.00	
1846		169,600	2,257,000.00	127,500.00	3,130.00	1,350.00	
1847		140,750	1,870,000.00	275,500.00	24,500.00	63,700.00	
1848		15,000	1,880,000.00	36,500.00	45,150.00	63,400.00	
1849		62,600	1,781,000.00	85,000.00	113,900.00	72,450.00	
1850		47,500	1,341,500.00	150,700.00	244,150.00	82,250.00	
1851		1,300	301,375.00	62,000.00	142,650.00	82,050.00	\$185,022.00
1852		1,100	110,565.00	68,265.00	196,550.00	63,025.00	559,905.00
1853		46,110	2,430,354.00	4,146,555.00	1,327,301.00	785,251.00	342,000.00
1854		33,140	4,111,000.00	3,466,000.00	624,000.00	365,000.00	20,130.00
1855		26,000	2,288,725.00	857,350.00	207,500.00	117,500.00	4,170.00
1856		63,500	1,903,500.00	2,129,500.00	703,000.00	299,000.00	43,740.00
1857		94,000	1,482,000.00	2,726,500.00	712,000.00	433,000.00	31,260.00
1858			5,998,000.00	2,002,250.00	189,000.00	258,000.00	48,120.00
1859		636,500	2,074,000.00	421,000.00	97,000.00	45,000.00	10,050.00
1860		733,930	1,032,850.00	312,350.00	78,700.00	92,950.00	8,610.00
1861		78,500	2,078,950.00	1,237,650.00	209,650.00	164,050.00	14,940.00
1862		12,090	802,175.00	249,887.50	102,830.00	74,627.50	10,906.50
1863		27,660	709,830.00	48,015.00	17,196.00	5,923.00	643.50
1864		31,170	518,785.00	28,517.50	26,907.00	4,523.50	14.10
1865		47,000	593,450.00	25,075.00	18,550.00	6,675.00	255.00
1866		49,625	899,812.50	11,381.25	14,372.50	6,536.25	681.75
1867		60,325	810,162.50	17,156.25	14,662.50	6,431.25	138.75
1868		182,700	769,100.00	31,500.00	72,625.00	18,295.00	123.00
1869		424,300	725,950.00	23,150.00	70,660.00	21,930.00	153.00
1870		445,462	829,758.50	23,935.00	52,150.00	26,830.00	120.00
1871		1,117,136	1,741,655.00	53,255.50	109,371.00	82,493.00	127.80
1872		1,118,600	866,775.00	68,762.50	261,045.00	189,247.50	58.50
1873		\$1,225,000	296,600	1,593,780.00	414,190.50	443,329.10	51,830.00
Total:		1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	4,880,219.40
1793-1873							1,282,087.20

NOTE.—The silver dollar coins executed 1921-28 represent an equivalent number of dollars converted into bullion under the act of Apr. 23, 1918—250,121,554 for export to India and 11,111,168 for domestic subsidiary coin.

*Combined silver coinage<sup>1</sup> of the mints of the United States, by denominations and calendar years, since their organization—Continued*

Calendar year	Trade dollars	Dollars	Half dollars	Quarter dollars	Dimes	Half dimes	3 cents
1874	\$4,910,000		\$1,406,650.00	\$215,975.00	\$319,151.70		
1875	6,279,600		5,117,750.00	1,278,375.00	2,406,570.00		
1876	6,192,150		7,451,575.00	7,839,287.50	3,015,115.00		
1877	13,092,710		7,510,255.00	6,024,927.50	1,735,051.00		
1878	4,259,900	\$22,495,550	726,200.00	849,200.00	187,880.00		
1879	1,541	27,560,100	2,950.00	3,675.00	1,510.00		
1880	1,987	27,397,355	4,877.50	3,738.75	3,735.50		
1881	960	27,927,975	5,187.50	3,243.75	2,497.50		
1882	1,097	27,574,100	2,750.00	4,075.00	391,110.00		
1883	979	28,470,039	4,519.50	3,859.75	767,571.20		
1884		28,136,875	2,637.50	2,218.75	393,134.90		
1885		28,697,767	3,065.00	3,632.50	257,711.70		
1886		31,423,886	2,913.00	1,471.50	658,409.40		
1887		33,611,710	2,855.00	2,677.50	1,573,838.90		
1888		31,990,833	6,416.50	306,708.25	721,648.70		
1889		34,651,811	6,355.50	3,177.75	835,338.90		
1890		38,043,004	6,295.00	20,147.50	1,133,461.70		
1891		23,562,735	100,300.00	1,551,150.00	2,304,671.60		
1892		6,333,245	1,652,136.50	2,960,331.00	1,695,365.50		
1893		1,455,792	4,003,948.50	2,583,843.25	759,219.30		
1894		3,083,972	3,667,831.00	2,233,418.25	205,099.60		
1895		862,880	2,354,652.00	2,255,390.25	225,088.00		
1896		19,876,762	1,507,855.00	1,386,700.25	318,581.80		
1897		12,651,731	2,023,315.50	2,524,140.00	1,287,810.80		
1898		14,426,735	3,094,642.50	3,497,331.75	2,015,321.20		
1899		15,182,846	4,474,628.50	3,934,211.50	2,409,833.90		
1900		25,010,938	5,033,617.00	3,822,874.25	2,477,918.20		
1901		22,566,813	3,119,928.50	2,644,369.25	2,507,350.00		
1902		18,160,777	4,454,723.50	4,617,589.00	2,795,077.70		
1903		10,343,755	3,149,763.50	3,551,516.00	2,829,405.50		
1904		8,812,650	2,331,654.00	3,011,203.25	1,510,102.70		
1905			1,830,863.50	2,020,562.50	2,480,754.90		
1906			5,426,414.50	2,248,108.75	2,976,504.60		
1907			5,825,587.50	3,899,143.75	3,453,704.50		
1908			5,819,686.50	4,262,136.25	2,303,954.50		
1909			2,529,025.00	4,110,662.50	1,448,165.00		
1910			1,183,275.50	936,137.75	1,625,055.10		
1911			1,686,811.50	1,410,535.75	3,359,954.30		
1912			2,610,750.00	1,277,175.00	3,453,070.00		
1913			663,313.50	493,853.25	2,027,062.20		
1914			558,305.00	2,388,652.50	3,136,865.50		
1915			1,486,449.00	1,969,612.50	658,045.00		
1916			1,065,200.00	2,095,200.00	5,720,400.00		
1917			10,751,700.00	9,464,400.00	9,196,200.00		
1918			10,434,549.00	8,173,000.00	6,865,480.00		
1919			1,839,500.00	3,776,000.00	5,452,900.00		
1920			6,398,570.00	9,456,600.00	9,202,100.00		
1921		87,736,473	611,062.50	479,000.00	231,000.00		
1922		84,275,000	50,030.50				
1923		56,631,000	1,226,038.50	2,769,000.00	5,657,000.00		
1924		13,539,000	71,040.00	4,223,000.00	3,794,000.00		
1925		11,808,000	1,338,518.00	3,070,000.00	3,657,700.00		
1926		11,267,700	574,306.50	3,933,000.00	4,050,800.00		
1927		2,982,900	1,216,017.00	3,321,100.00	3,766,200.00		
1928		1,992,649	1,000,018.00	2,651,900.00	3,104,100.00		
1929			1,451,600.00	3,565,500.00	3,573,400.00		
1930				1,797,000.00	861,300.00		
1931					621,000.00		
1932				1,562,200.00			
1933			895,625.00				
1934		3,534,557	6,612,270.50	8,859,813.00	3,085,200.00		
1935		3,540,000	8,201,523.50	10,981,000.00	8,514,700.00		
1936			10,745,882.50	12,626,459.25	11,284,613.00		
1937			6,824,600.50	7,135,785.50	8,075,175.60		
1938			2,337,909.00	3,078,011.25	3,582,572.80		
1939			6,827,967.00	10,817,198.75	10,268,332.10		
1940			6,858,639.50	11,689,211.50	10,811,982.70		
1941			21,776,906.00	27,960,021.75	26,383,055.70		
Total:							
1874-1941	34,740,924	847,629,915	201,992,524.00	235,702,270.50	212,462,932.40		
1793-1873	1,225,000	8,031,238	100,541,253.00	22,288,021.50	9,242,079.20	\$4,880,219.40	\$1,282,087.20
Grand total.	35,965,924	855,661,153	302,533,777.00	257,990,292.00	221,705,011.60	4,880,219.40	1,282,087.20

<sup>1</sup> 20-cent silver coinage, 1875, \$265, 598; 1876, \$5, 180; 1877, \$102; 1878, \$120; total, \$271,000.

*Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization*

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1793				\$1,122.12	\$159.67
1794				9,185.21	408.00
1795				370.00	128.00
1796				9,747.00	577.40
1797				8,975.10	535.24
1798				9,797.00	
1799				9,045.85	60.83
1800				28,221.75	1,057.65
1801				13,628.37	
1802				34,351.00	71.83
1803				24,713.53	489.50
1804				7,568.38	5,276.56
1805				9,411.16	4,072.32
1806				3,480.00	1,780.00
1807				7,272.21	2,380.00
1808				11,090.00	2,000.00
1809				2,228.67	5,772.86
1810				14,585.00	1,075.00
1811				2,180.25	315.70
1812				10,755.00	
1813				4,180.00	
1814				3,578.30	
1815					
1816				28,209.82	
1817				39,484.00	
1818				31,670.00	
1819				26,710.00	
1820				44,075.50	
1821				3,890.00	
1822				20,723.39	
1823					
1824				12,620.00	
1825				14,611.00	315.00
1826				15,174.25	1,170.00
1827				23,577.32	
1828				22,606.24	3,030.00
1829				14,145.00	2,435.00
1830				17,115.00	
1831				33,592.60	11.00
1832				23,620.00	
1833				27,390.00	770.00
1834				18,551.00	600.00
1835				38,784.00	705.00
1836				21,110.00	1,990.00
1837				55,583.00	
1838				63,702.00	
1839				31,286.61	
1840				24,627.00	
1841				15,973.67	
1842				23,833.90	
1843				24,283.20	
1844				23,987.52	
1845				38,948.04	
1846				41,208.00	
1847				61,836.69	
1848				64,157.99	
1849				41,785.00	199.32
1850				44,268.44	199.06
1851				98,897.07	738.36
1852				50,630.94	
1853				66,411.31	648.47
1854				42,361.56	276.79
1855				15,748.29	282.50
1856				26,904.63	202.15
1857				177,834.56	175.90
1858				246,000.00	
1859				364,000.00	
1860				205,660.00	
1861				101,000.00	
1862				280,750.00	
1863				498,400.00	
1864				\$396,950.00	529,737.14
1865	\$737,125.00	\$341,460.00	272,800.00	354,292.86	
1866	1,515,475.00	144,030.00	63,540.00	98,265.00	
1867	1,440,850.00	117,450.00	58,775.00	98,210.00	
1868	819,750.00	97,560.00	56,075.00	102,665.00	
1869	240,300.00	48,120.00	30,930.00	64,200.00	
1870	28,050.00	40,050.00	17,225.00	52,750.00	
1871	301,800.00	18,120.00	14,425.00	39,295.00	
1872	227,500.00	25,860.00	1,300.00	40,420.00	
1873		35,190.00		116,765.00	
Total, 1793-1873....	5,340,850.00	867,840.00	912,020.00	4,929,824.44	39,909.11

*Combined minor coinage of the mints of the United States, by denominations and calendar years, since their organization—Continued*

Calendar year	5 cents	3 cents	2 cents	Cents	Half cents
1874	\$176,900.00	\$23,700.00	-----	\$141,875.00	-----
1875	104,850.00	6,840.00	-----	135,280.00	-----
1876	126,500.00	4,860.00	-----	79,440.00	-----
1877	-----	-----	-----	8,525.00	-----
1878	117.50	70.50	-----	57,998.50	-----
1879	1,455.00	1,236.00	-----	162,312.00	-----
1880	997.75	748.65	-----	389,649.55	-----
1881	3,618.75	32,417.25	-----	392,115.75	-----
1882	573,830.00	759.00	-----	385,811.00	-----
1883	1,148,471.05	318.27	-----	455,981.09	-----
1884	563,697.10	169.26	-----	232,617.42	-----
1885	73,821.50	143.70	-----	117,653.81	-----
1886	166,514.50	128.70	-----	176,542.90	-----
1887	763,182.60	238.83	-----	452,264.83	-----
1888	536,021.15	1,232.49	-----	374,944.14	-----
1889	794,068.05	646.83	-----	488,693.61	-----
1890	812,963.60	-----	-----	571,828.54	-----
1891	841,717.50	-----	-----	470,723.50	-----
1892	584,982.10	-----	-----	376,498.32	-----
1893	668,509.75	-----	-----	466,421.95	-----
1894	270,656.60	-----	-----	167,521.32	-----
1895	498,994.20	-----	-----	383,436.36	-----
1896	442,146.00	-----	-----	390,572.93	-----
1897	1,021,436.75	-----	-----	504,663.30	-----
1898	626,604.35	-----	-----	498,230.79	-----
1899	1,301,451.55	-----	-----	536,000.31	-----
1900	1,362,799.75	-----	-----	668,337.64	-----
1901	1,324,010.65	-----	-----	796,111.43	-----
1902	1,574,028.95	-----	-----	873,767.22	-----
1903	1,400,336.25	-----	-----	850,944.93	-----
1904	1,070,249.20	-----	-----	613,280.15	-----
1905	1,491,363.80	-----	-----	807,191.63	-----
1906	1,930,686.25	-----	-----	960,222.55	-----
1907	1,960,740.00	-----	-----	1,081,386.18	-----
1908	1,134,308.85	-----	-----	334,429.87	-----
1909	579,526.30	-----	-----	1,176,862.63	-----
1910	1,508,467.65	-----	-----	1,528,462.18	-----
1911	1,977,968.60	-----	-----	1,178,757.87	-----
1912	1,747,435.70	-----	-----	829,950.60	-----
1913	3,682,961.95	-----	-----	984,373.52	-----
1914	1,402,386.90	-----	-----	805,684.32	-----
1915	1,503,088.50	-----	-----	559,751.20	-----
1916	4,434,553.30	-----	-----	1,902,996.77	-----
1917	3,276,391.45	-----	-----	2,841,697.85	-----
1918	2,206,515.70	-----	-----	3,706,146.34	-----
1919	3,819,750.00	-----	-----	5,889,350.00	-----
1920	4,110,000.00	-----	-----	4,056,650.00	-----
1921	611,000.00	-----	-----	544,310.00	-----
1922	-----	-----	-----	71,600.00	-----
1923	2,092,850.00	-----	-----	834,230.00	-----
1924	1,415,750.00	-----	-----	893,940.00	-----
1925	2,313,555.00	-----	-----	1,889,090.00	-----
1926	2,565,050.00	-----	-----	1,896,580.00	-----
1927	2,357,050.00	-----	-----	1,858,860.00	-----
1928	1,839,150.00	-----	-----	1,825,520.00	-----
1929	2,628,500.00	-----	-----	2,771,400.00	-----
1930	1,414,200.00	-----	-----	2,218,010.00	-----
1931	60,000.00	-----	-----	247,420.00	-----
1932	-----	-----	-----	195,620.00	-----
1933	-----	-----	-----	205,600.00	-----
1934	1,384,650.15	-----	-----	2,475,260.00	-----
1935	4,032,800.00	-----	-----	3,310,900.00	-----
1936	7,937,271.00	-----	-----	3,793,875.69	-----
1937	5,147,338.45	-----	-----	3,941,093.20	-----
1938	1,800,818.25	-----	-----	1,918,867.34	-----
1939	6,538,576.75	-----	-----	3,837,095.20	-----
1940	12,986,457.90	-----	-----	7,811,558.72	-----
1941	15,008,036.00	-----	-----	11,080,991.00	-----
Total:					
1874-1941	127,794,136.60	73,509.48	-----	94,485,777.98	-----
1793-1873	5,340,850.00	867,840.00	\$912,020.00	4,929,824.44	\$39,909.11
Grand total.....	133,134,986.60	941,349.48	912,020.00	99,415,602.42	39,909.11

*Total gold, silver, and minor coinage of the United States, by calendar years (face amount)*

Calendar year	Gold	Silver	Minor	Total
1793			\$1,281.79	\$1,281.79
1794		\$4,408.00	9,593.21	14,001.21
1795	\$71,485.00	366,275.50	498.00	438,258.80
1796	77,960.00	77,118.50	10,324.40	165,402.90
1797	128,190.00	14,550.45	9,510.34	152,250.79
1798	205,610.00	330,291.00	9,797.00	545,698.00
1799	213,285.00	423,515.00	9,106.68	645,906.68
1800	317,760.00	224,296.00	29,279.40	571,335.40
1801	422,570.00	74,758.00	13,628.37	510,956.37
1802	423,310.00	58,343.00	34,422.83	516,075.83
1803	258,377.50	87,118.00	25,203.03	370,698.53
1804	258,642.50	100,340.50	12,844.94	371,827.94
1805	170,367.50	149,388.50	13,483.48	333,239.48
1806	324,505.00	471,319.00	5,260.00	801,084.00
1807	437,495.00	597,448.75	9,652.21	1,044,595.96
1808	284,665.00	684,300.00	13,090.00	982,055.00
1809	169,375.00	707,376.00	8,001.53	884,752.53
1810	501,435.00	638,773.50	15,660.00	1,155,863.50
1811	497,905.00	608,340.00	2,495.95	1,108,740.95
1812	290,435.00	814,029.50	10,755.00	1,115,219.50
1813	477,140.00	620,951.50	4,180.00	1,02,271.50
1814	77,270.00	561,687.50	3,578.30	642,535.80
1815	3,175.00	17,308.00		20,483.00
1816		28,575.75	28,209.82	56,785.57
1817		607,783.50	39,484.00	647,267.50
1818	242,940.00	1,070,454.50	31,670.00	1,345,064.50
1819	258,615.00	1,140,000.00	26,710.00	1,425,325.00
1820	1,319,030.00	501,680.70	44,075.50	1,864,786.20
1821	189,325.00	825,762.45	3,890.00	1,018,977.45
1822	88,980.00	805,806.50	20,723.39	915,509.89
1823	72,425.00	895,550.00		967,975.00
1824	93,200.00	1,752,477.00	12,620.00	1,858,297.00
1825	156,385.00	1,564,583.00	14,926.00	1,735,894.00
1826	92,245.00	2,002,090.00	16,344.25	2,110,679.25
1827	131,565.00	2,869,200.00	23,577.32	3,024,342.32
1828	140,145.00	1,575,600.00	25,636.24	1,741,381.24
1829	295,717.50	1,994,578.00	16,580.00	2,306,875.50
1830	643,105.00	2,495,400.00	17,115.00	3,155,620.00
1831	714,270.00	3,175,600.00	33,603.60	3,923,473.60
1832	798,435.00	2,579,000.00	23,620.00	3,401,055.00
1833	978,550.00	2,759,000.00	28,160.00	3,765,710.00
1834	3,954,270.00	3,415,002.00	19,151.00	7,388,423.00
1835	2,186,175.00	3,443,003.00	39,489.00	5,668,667.00
1836	4,135,700.00	3,606,100.00	23,100.00	7,764,900.00
1837	1,148,305.00	2,096,010.00	55,583.00	3,299,898.00
1838	1,809,765.00	2,333,243.40	63,702.00	4,206,710.40
1839	1,376,847.50	2,209,778.20	31,286.61	3,617,912.31
1840	1,675,482.50	1,726,703.00	24,627.00	3,426,812.50
1841	1,091,857.50	1,132,750.00	15,973.67	2,240,581.17
1842	1,829,407.50	2,332,750.00	23,833.90	4,185,991.40
1843	8,108,797.50	3,834,750.00	24,283.20	11,967,830.70
1844	5,427,670.00	2,235,550.00	23,987.52	7,687,207.52
1845	3,756,447.50	1,873,200.00	38,948.04	5,668,595.50
1846	4,034,177.50	2,558,580.00	41,208.00	6,633,965.54
1847	20,202,325.00	2,374,450.00	61,836.69	22,638,611.69
1848	3,775,512.50	2,040,050.00	64,157.99	5,879,720.49
1849	9,007,761.50	2,114,950.00	41,984.32	11,164,695.82
1850	31,981,738.50	1,866,100.00	44,467.50	33,892,306.00
1851	62,614,492.50	774,397.00	99,635.43	63,488,524.93
1852	56,846,187.50	999,410.00	50,630.94	57,896,228.44
1853	39,377,909.00	9,077,571.00	67,059.78	48,522,539.78
1854	25,915,962.50	8,619,270.00	42,638.35	34,577,870.85
1855	29,387,968.00	3,501,245.00	16,030.79	32,905,243.79
1856	36,857,768.50	5,142,240.00	27,106.78	42,027,115.28
1857	32,214,040.00	5,478,760.00	178,010.46	37,870,810.46
1858	22,938,413.50	8,495,370.00	246,000.00	31,679,783.50
1859	14,780,570.00	3,284,450.00	364,000.00	18,429,020.00
1860	23,473,654.00	2,259,390.00	205,660.00	25,938,704.00
1861	83,395,530.00	3,783,740.00	101,000.00	87,290,270.00
1862	20,875,997.50	1,252,516.50	280,750.00	22,409,264.00
1863	22,445,482.00	809,267.80	498,400.00	23,753,149.80
1864	20,081,415.00	609,917.10	926,687.14	21,618,019.24
1865	28,295,107.50	691,005.00	968,552.86	29,954,665.36
1866	31,435,945.00	982,409.25	1,042,960.00	33,461,314.25
1867	23,828,625.00	908,876.25	1,819,910.00	26,557,411.25
1868	19,371,387.50	1,074,343.00	1,697,150.00	22,142,880.50
1869	17,582,987.50	1,266,143.00	963,000.00	19,812,130.50
1870	23,198,787.50	1,378,255.50	350,325.00	24,927,368.00
1871	21,032,685.00	3,104,088.30	99,890.00	24,236,613.30
1872	21,812,645.00	2,504,488.50	369,380.00	24,686,513.50
1873	57,022,747.50	4,024,747.60	379,455.00	61,426,950.10
Total, 1793-1873	852,114,437.50	147,489,898.30	12,090,443.55	1,011,694,779.35

*Total gold, silver, and minor coinage of the United States, by calendar years (face amount)—Continued*

Calendar year	Gold	Silver	Minor	Total
1874	\$35, 254, 630. 00	\$6, 851, 776. 70	\$342, 475. 00	\$42, 448, 881. 70
1875	32, 951, 940. 00	15, 347, 893. 00	246, 970. 00	48, 546, 803. 00
1876	46, 579, 152. 50	24, 503, 307. 50	210, 800. 00	71, 293, 560. 00
1877	43, 999, 864. 00	28, 393, 045. 50	8, 525. 00	72, 401, 134. 50
1878	49, 786, 052. 00	28, 518, 850. 00	58, 186. 50	78, 363, 088. 50
1879	39, 080, 080. 00	27, 569, 776. 00	165, 003. 00	66, 814, 859. 00
1880	62, 308, 279. 00	27, 411, 693. 75	391, 395. 95	90, 111, 368. 70
1881	96, 850, 890. 00	27, 910, 163. 75	428, 151. 75	125, 219, 205. 50
1882	65, 887, 685. 00	27, 973, 132. 00	960, 400. 00	94, 821, 217. 00
1883	29, 241, 990. 00	29, 246, 968. 45	1, 604, 770. 41	60, 093, 728. 86
1884	23, 991, 756. 50	28, 534, 866. 15	796, 483. 78	53, 323, 106. 43
1885	27, 773, 012. 50	28, 912, 176. 20	191, 622. 04	56, 926, 810. 74
1886	28, 915, 512. 00	32, 086, 709. 90	313, 186. 10	61, 375, 438. 00
1887	23, 972, 383. 00	35, 191, 081. 40	1, 215, 686. 26	60, 379, 150. 66
1888	31, 380, 808. 00	33, 025, 606. 45	912, 200. 78	65, 318, 615. 23
1889	21, 413, 931. 00	35, 496, 683. 15	1, 283, 408. 19	58, 191, 022. 64
1890	20, 467, 182. 50	39, 202, 908. 20	1, 384, 792. 14	61, 054, 882. 84
1891	29, 222, 005. 00	27, 518, 856. 60	1, 312, 411. 00	58, 053, 302. 60
1892	34, 787, 222. 50	12, 641, 078. 00	961, 480. 42	48, 389, 780. 92
1893	56, 997, 020. 00	8, 802, 803. 05	1, 134, 931. 70	66, 934, 754. 75
1894	79, 546, 160. 00	9, 200, 350. 85	438, 177. 92	89, 184, 688. 77
1895	59, 616, 357. 50	5, 698, 010. 25	882, 430. 56	66, 196, 798. 31
1896	47, 053, 050. 00	23, 089, 899. 05	832, 718. 93	70, 975, 677. 98
1897	76, 028, 185. 00	18, 487, 297. 30	1, 526, 100. 05	96, 041, 882. 35
1898	77, 985, 757. 50	23, 034, 033. 45	1, 124, 835. 14	102, 144, 626. 09
1899	111, 344, 220. 00	26, 061, 519. 90	1, 837, 451. 86	139, 243, 191. 76
1900	99, 272, 942. 50	36, 345, 347. 45	2, 031, 137. 39	137, 049, 427. 34
1901	101, 735, 187. 50	30, 838, 460. 75	2, 120, 122. 08	134, 693, 770. 33
1902	47, 184, 932. 50	30, 028, 167. 20	2, 447, 796. 17	79, 660, 895. 87
1903	43, 683, 070. 50	19, 874, 440. 00	2, 251, 281. 18	65, 809, 691. 68
1904	233, 402, 428. 00	15, 695, 609. 95	1, 683, 529. 35	250, 781, 567. 30
1905	49, 638, 411. 00	6, 332, 180. 90	2, 298, 555. 43	58, 269, 177. 33
1906	78, 793, 015. 00	10, 651, 027. 85	2, 890, 908. 80	92, 334, 981. 65
1907	131, 907, 490. 00	13, 178, 435. 75	3, 042, 126. 18	148, 128, 051. 93
1908	131, 638, 632. 50	12, 391, 777. 25	1, 468, 738. 72	145, 499, 148. 47
1909	88, 776, 907. 50	8, 087, 852. 50	1, 756, 388. 93	98, 621, 148. 93
1910	104, 723, 735. 00	3, 744, 468. 35	3, 036, 929. 33	111, 505, 133. 18
1911	56, 176, 822. 50	6, 457, 301. 55	3, 156, 726. 47	65, 790, 850. 52
1912	17, 498, 522. 50	7, 310, 995. 00	2, 577, 386. 30	27, 416, 903. 80
1913	25, 433, 377. 50	3, 184, 228. 95	4, 667, 335. 47	33, 284, 941. 92
1914	53, 457, 817. 50	6, 083, 823. 00	2, 208, 071. 22	61, 749, 711. 72
1915	23, 968, 401. 50	4, 114, 097. 50	2, 062, 839. 70	30, 145, 333. 70
1916	18, 525, 026. 00	8, 880, 800. 00	6, 337, 550. 07	33, 743, 370. 07
1917	10, 014. 00	29, 412, 300. 00	6, 118, 089. 30	35, 540, 403. 30
1918		25, 473, 029. 00	5, 972, 662. 04	31, 445, 691. 04
1919		11, 068, 400. 00	9, 709, 100. 00	20, 777, 500. 00
1920	16, 990, 000. 00	25, 057, 270. 00	8, 166, 650. 00	50, 213, 920. 00
1921	10, 570, 000. 00	89, 057, 535. 50	1, 155, 310. 00	100, 782, 845. 50
1922	80, 680, 016. 00	84, 325, 030. 50	71, 600. 00	165, 076, 646. 50
1923	45, 365, 000. 00	66, 283, 038. 50	2, 927, 080. 00	114, 575, 118. 50
1924	206, 010, 000. 00	21, 627, 010. 00	2, 309, 690. 00	229, 946, 730. 00
1925	192, 380, 000. 00	19, 874, 218. 00	4, 202, 645. 00	216, 456, 863. 00
1926	78, 540, 565. 00	19, 825, 806. 50	4, 461, 630. 00	102, 828, 001. 50
1927	125, 645, 000. 00	11, 286, 217. 00	4, 215, 910. 00	141, 147, 127. 00
1928	177, 360, 000. 00	8, 748, 667. 00	3, 664, 670. 00	189, 773, 337. 00
1929	40, 235, 000. 00	8, 590, 500. 00	5, 399, 900. 00	54, 225, 400. 00
1930	2, 440, 000. 00	2, 658, 300. 00	3, 632, 210. 00	8, 730, 510. 00
1931	60, 895, 000. 00	621, 000. 00	307, 420. 00	61, 823, 420. 00
1932	66, 665, 000. 00	1, 562, 200. 00	195, 620. 00	68, 422, 820. 00
1933	12, 035, 000. 00	895, 625. 00	205, 600. 00	13, 136, 225. 00
1934		22, 091, 840. 50	3, 859, 910. 15	25, 951, 750. 65
1935		31, 237, 223. 50	7, 343, 700. 00	38, 580, 923. 50
1936		34, 656, 954. 75	11, 731, 146. 69	46, 388, 101. 44
1937		22, 035, 561. 00	9, 088, 431. 65	31, 123, 993. 25
1938		8, 998, 493. 05	3, 719, 685. 59	12, 718, 178. 64
1939		27, 913, 497. 85	10, 375, 671. 95	38, 289, 169. 80
1940		29, 359, 833. 70	20, 798, 016. 62	50, 157, 850. 32
1941		76, 120, 483. 45	26, 089, 027. 00	102, 209, 510. 45
Total 1874-1941	3, 674, 104, 040. 00	1, 532, 799, 565. 90	222, 353, 424. 06	5, 429, 257, 029. 96
1793-1873	852, 114, 437. 50	147, 489, 898. 30	12, 090, 443. 55	1, 011, 694, 779. 35
Grand total	4, 526, 218, 477. 50	1, 680, 289, 464. 20	234, 443, 867. 61	6, 440, 951, 809. 31

*Income and expenses of the United States Mint*

Item	Philadelphia Mint	San Francisco Mint	Denver Mint
<b>INCOME</b>			
Revenue:			
Melting charges on bullion receipts	\$7,932.72	\$21,809.03	\$5,606.24
Parting and refining charges on bullion		157,657.13	79,916.03
Handling charges on gold receipts	7,676.81	367,520.57	87,421.36
Handling charges on gold sales	974.28	244.84	39.27
Bar charges on issue bars	268.44	47.80	
Charges on proof coins sold	19,688.60		
Charges on accepted altered coins	195.20	4.00	
Transportation charges on bullion			
Proceeds of medals sold	3,380.24	26.00	
Receipts for special assays made on bullion and ores	291.00	25.00	270.00
Value of bullion recovered incident to receipt of deposits	2,564.12	6,718.15	7,987.80
Value of bullion recovered from refining and coining operations (net)		182,837.08	18,167.83
Gain on lightweight and multilated coin purchased for recoining	19.01	25.03	7.29
Gain on bullion shipments (net)			
Proceeds of sale of old material	1,907.05	193.55	272.94
Fines and penalties (bullion and coin forfeitures)		15,635.25	
Commission on telephone calls	107.24		94.22
Seigniorage on subsidiary silver coinage	25,309,643.07	8,350,911.41	8,693,488.01
Seigniorage on minor coinage (nickel)	7,237,115.99	1,223,573.34	1,714,163.21
Seigniorage on minor coinage (bronze)	9,478,024.45	1,472,945.08	2,103,338.16
Salary refund for jury service			
Total revenue	42,069,788.22	11,800,173.26	12,710,772.36
<b>Appropriation earnings:</b>			
Charges for manufacture of foreign coin	517,792.00	500,797.82	
Charges for manufacture of special medals	9,204.94		
Charges for work and supplies for other institutions	79,739.88		
Total earnings	606,736.82	500,797.82	
Total income	42,676,525.04	12,300,971.08	12,710,772.36
<b>EXPENSES</b>			
Payable from appropriations:			
Transportation of bullion and coin (between mints and assay offices)	380.27	240,807.57	66.64
Personnel	2,112,124.17	938,985.59	793,115.38
Operative waste of monetary metals	31,898.44		
Loss on operative sweeps sold	1,574.25	2,257.29	1,000.66
Other expenses, including supplies, materials, equipment, and miscellaneous items	390,718.98	132,391.39	180,334.00
Interinstitution items not involving appropriation transfers	62,913.15	27,313.65	28,727.00
Total payable from appropriations	2,473,782.96	1,341,755.49	1,003,243.68
Payable from revenue:			
Expenses of distributing minor coin	286,615.19	56,643.03	75,238.60
Wastage of operative departments, minor metals	24,576.21	1,163.38	983.65
Forwarding cost of domestic silver bullion by Seattle Assay Office for account of Denver Mint			
Total payable from revenue	311,191.40	57,806.41	76,222.25
Total expenses	2,784,974.36	1,399,561.90	1,079,465.93

*establishment for the fiscal year ended June 30, 1942*

New York Assay Office and auxili- ary West Point bullion depository	New Orleans Mint	Seattle Assay Office	Fort Knox bullion depository	Office of the Director of the Mint	Total
\$21,060.00	\$1,293.39	\$4,100.50			\$61,801.88
325,725.22					563,298.30
806,044.47	1,028.23	65,291.96			1,334,983.40
3,410.88					4,669.27
1,653.99					1,970.28
					19,688.63
					199.20
		1,501.85			1,501.85
648.00	448.50	198.00			3,406.24
49,176.55	1,213.23	11,530.52			1,880.50
41,594.64					79,190.37
.22					242,599.55
	245.08	985.95			51.55
	147.21				1,231.03
3.32					2,520.75
					15,638.57
					201.46
					42,354,042.49
					10,174,852.54
					13,054,307.69
27.06					27.06
1,249,344.35	4,375.64	83,608.78			67,918,062.61
					1,018,589.82
					9,204.94
					79,739.88
					1,107,534.64
1,249,344.35	4,375.64	83,608.78			69,025,597.25
					448,047.66
182,967.51	16,325.67	7,500.00			4,561,705.98
471,470.29	20,063.11	34,916.09	\$71,425.41	\$119,605.94	31,898.44
194.98					5,027.18
73,526.52	1,619.28	3,251.35	4,915.65	14,297.00	801,054.17
5,909.75	918.25	30.00	14.50		
734,069.05	38,926.31	45,697.44	76,355.56	133,902.94	5,847,733.43
					418,496.82
					26,723.24
		1,759.28			1,759.28
		1,759.28			446,979.34
734,069.05	38,926.31	47,456.72	76,355.56	133,902.94	6,294,712.77

*Appropriations, reimbursements, expenses, and balances of the Mint establishment, fiscal year ended June 30, 1942*

Item	Salaries and wages	General expenses	Transportation of bullion and coin	Total
OFFICE OF THE DIRECTOR OF THE MINT				
Appropriated	<sup>1</sup> \$121,020.00	\$14,300.00	<sup>2</sup> \$687,500.00	\$822,820.00
Expended	119,605.94	14,297.00	<sup>3</sup> 448,047.66	581,959.60
Unexpended balance	1,414.06	3.00	239,452.34	240,869.40
FIELD SERVICE				
Appropriated				<sup>4</sup> 4,592,255.00
Reimbursed:				
Philadelphia Mint				606,736.82
San Francisco Mint				500,797.82
Available				5,699,789.64
Expended:				
Philadelphia Mint	2,112,124.17	424,191.67	(380.27)	2,536,315.84
San Francisco Mint	938,985.59	134,648.68	<sup>5</sup> (240,807.57)	1,073,634.27
Denver Mint	793,115.38	181,334.66	(66.64)	974,450.04
New York Assay Office	471,470.29	73,721.50	<sup>6</sup> (182,967.51)	545,191.79
New Orleans Mint	20,063.11	1,619.28	<sup>7</sup> (16,325.67)	21,682.39
Seattle Assay Office	34,916.09	3,251.35	(7,500.00)	38,167.44
Fort Knox depository	71,425.41	4,915.65		76,341.06
Total expended	4,442,100.04	823,682.79	448,047.66	5,265,782.83
Unexpended balance				434,006.81
TOTAL, ENTIRE SERVICE				
Appropriated				5,415,075.00
Reimbursed				1,107,534.64
Available				6,522,609.64
Expended				5,847,733.43
Unexpended balance				674,876.21

<sup>1</sup> Includes \$1,480 provided by Third Supplemental National Defense Appropriation Act, 1942.

<sup>2</sup> \$187,500 appropriation, "Transportation, bullion and coin, mints and assay offices, 1942," and \$500,000 appropriation, "Transportation of bullion and coin, mints and assay offices 1942-43."

<sup>3</sup> Chargeable as indicated below, in parentheses, to the several offices.

<sup>4</sup> Includes \$4,855 provided by Third Supplemental National Defense Appropriation Act 1942 and \$1,395,900 provided by First Deficiency Act 1942.

<sup>5</sup> \$240,263.13 chargeable special gold movements San Francisco to Denver.

<sup>6</sup> \$181,855.73 chargeable special gold movement New York to Fort Knox.

<sup>7</sup> Includes \$16,000 for moving silver dollars to Washington on closing of New Orleans Mint.

*Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1942*

## ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
<b>COINAGE MINTS</b>				
Philadelphia	199,600.474	\$6,986,016.50	255,741,213.32	\$292,065,802.79
San Francisco	9,331,998.774	326,619,957.12	553,093,039.73	490,973,720.44
Denver	164,416,212.000	5,755,617,420.56	80,850,591.98	40,336,262.06
<b>ASSAY OFFICES</b>				
New York (including West Point depository)	30,299,179.600	1,060,471,289.28	1,629,808,837.74	1,340,476,622.16
Seattle	70,421.554	2,464,755.09	17,303.12	11,803.44
<b>BULLION DEPOSITORY</b>				
Fort Knox	445,259,383.764	15,584,078,431.36		
Total	649,606,796.166	22,736,237,869.91	2,519,510,985.89	2,163,864,210.89

Institution	Gold coin at bullion value	Silver coin <sup>1</sup>	Minor coin	Paper currency
<b>COINAGE MINTS</b>				
Philadelphia	\$310,677.85	\$210,009,826.81	\$4,644,014.87	
San Francisco		83,584,804.03	414,900.00	\$84,400.00
Denver		56,419,207.57	1,204,518.75	122,100.00
<b>ASSAY OFFICES</b>				
New York (including West Point depository)	136.36	62,068,229.30		3,984,000.00
Seattle				
<b>BULLION DEPOSITORY</b>				
Fort Knox				
Total	310,814.21	412,082,067.71	6,263,463.62	4,190,500.00

Institution	Minor coinage metal	Reimbursable losses on melted coin	Checking credit with United States Treasurer	Total assets
<b>COINAGE MINTS</b>				
Philadelphia	\$501,349.56	\$68,968.21	\$298,650.44	\$514,885,307.03
San Francisco	61,070.39	7,732.74	38,929.61	901,785,514.33
Denver	66,610.04	22,400.75	33,389.96	5,853,821,939.69
<b>ASSAY OFFICES</b>				
New York (including West Point depository)				2,467,000,277.10
Seattle				2,476,558.53
<b>BULLION DEPOSITORY</b>				
Fort Knox				15,584,078,431.36
Total	629,029.99	99,101.70	370,970.01	25,324,048,028.04

*Cash assets and liabilities of the United States mints, assay offices, and bullion depository, June 30, 1943—Continued*

## LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoinage fund	Due depositors of bullion	Total
<b>COINAGE MINTS</b>					
Philadelphia-----	\$513,701,107.53	\$800,000.00	\$382,911.65	\$1,287.85	\$514,885,307.03
San Francisco-----	901,675,739.78	100,000.00	7,732.74	2,041.81	901,785,514.33
Denver-----	5,853,699,481.79	100,000.00	22,457.90	-----	5,853,821,939.69
<b>ASSAY OFFICES</b>					
New York (including West Point depository)-----	2,466,999,593.02	-----	-----	684.08	2,467,000,277.10
Seattle-----	2,476,558.53	-----	-----	-----	2,476,558.53
<b>BULLION DEPOSITORY</b>					
Fort Knox-----	15,584,078,431.36	-----	-----	-----	15,584,078,431.36
Total-----	25,322,630,912.01	1,000,000.00	413,102.29	4,013.74	25,324,048,028.04

<sup>1</sup> Includes unclassified counter cash: Philadelphia, \$3,738.86; San Francisco, \$2,170.63; Denver, \$736.62; and New York, \$9,229.30.

*Stock of domestic coin in the United States, June 30, 1942<sup>1</sup>*

On June 30, 1942, the stock of domestic coin in the United States was \$1,301,639,122 as shown in the table below:

Item	Silver	Minor	Total
Estimated stock of coin in United States on June 30, 1941-----	\$994,325,676	\$199,364,371	\$1,193,690,047
Coinage executed during fiscal year 1942-----	85,307,259	25,698,921	111,006,180
Imports, United States coin, fiscal year 1942-----	209,410	-----	209,410
Total-----	1,079,842,345	225,063,292	1,304,905,637
Less:			
Exports United States coin, fiscal year 1942-----	83,000	-----	83,000
United States coin withdrawn from monetary use, face amount, fiscal year 1942-----	2,767,815	315,700	3,083,515
United States coin used in the industrial arts, and general disappearance, estimated fiscal year 1942-----	100,000	-----	100,000
Total-----	2,950,815	315,700	3,266,515
Estimated stock of coin in United States, June 30, 1942-----	1,076,891,530	224,747,592	1,301,639,122

<sup>1</sup> For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined to June 30, 1942, was 847,629,915, which, added to the Hawaiian dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000, the net export from November 1919 to July 1920, in movement due to the high price of silver, was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, totaled 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 229,327, and the number of Hawaiian dollars melted to June 30, 1942, was 455,329, a total disposition of 301,699,520, leaving in the United States on June 30, 1942, 547,077,254 standard silver dollars and 529,814,276 dollars in subsidiary silver coin.

*Estimated monetary stock of gold and silver in the United States and the amount per capita at the close of each fiscal year since 1873*

Fiscal year ended June 30—	Population (thousands)	Gold bullion and coin (thousands)	Silver coin <sup>1</sup> (thousands)	Per capita		
				Gold	Silver	Total
1873	41,677	\$135,000	\$18,149	\$3.24	\$0.44	\$3.68
1874	42,796	147,379	21,092	3.44	.49	3.93
1875	43,951	121,135	30,743	2.76	.70	3.46
1876	45,137	130,057	36,416	2.88	.84	3.72
1877	46,353	167,501	50,465	3.61	1.09	4.70
1878	47,598	213,200	82,048	4.48	1.72	6.20
1879	48,866	245,742	111,526	5.03	2.28	7.31
1880	50,156	351,841	142,522	7.01	2.84	9.85
1881	51,316	478,485	169,384	9.32	3.30	12.62
1882	52,495	506,758	197,218	9.65	3.76	13.41
1883	53,693	542,732	227,008	10.11	4.23	14.34
1884	54,911	545,501	255,569	9.93	4.65	14.58
1885	56,148	588,697	283,479	10.48	5.05	15.53
1886	57,404	590,774	312,253	10.29	5.44	15.73
1887	58,680	654,520	352,994	11.15	6.02	17.17
1888	59,974	705,819	386,572	11.77	6.45	18.22
1889	61,289	680,064	420,549	11.10	6.86	17.96
1890	62,622	695,563	456,908	11.11	7.30	18.41
1891	63,844	646,583	516,603	10.13	8.09	18.22
1892	65,086	664,275	568,579	10.21	8.74	18.95
1893	66,349	597,698	615,716	9.01	9.28	18.29
1894	67,632	627,293	624,250	9.28	9.23	18.51
1895	68,934	626,256	624,731	9.23	9.06	18.29
1896	70,254	599,598	627,696	8.53	8.93	17.46
1897	71,592	696,239	632,408	9.73	8.83	18.56
1898	72,947	861,515	637,479	11.81	8.74	20.55
1899	74,318	963,498	638,564	12.96	8.59	21.55
1900	76,303	1,034,384	648,995	13.56	8.51	22.07
1901	77,754	1,124,639	658,006	14.46	8.46	22.92
1902	79,117	1,192,595	667,319	15.07	8.43	23.50
1903	80,487	1,248,682	675,678	15.51	8.39	23.90
1904	81,867	1,327,656	679,932	16.22	8.31	24.53
1905	83,260	1,357,656	683,053	16.31	8.20	24.51
1906	84,662	1,475,707	686,477	17.43	8.11	25.54
1907	86,074	1,466,389	698,702	17.04	8.12	25.16
1908	87,496	1,618,133	715,616	18.49	8.18	26.67
1909	88,926	1,642,042	727,686	18.47	8.18	26.65
1910	90,363	1,036,043	723,437	18.11	8.01	26.12
1911	93,983	1,753,197	727,886	18.65	7.74	26.39
1912	95,656	1,818,188	738,866	19.01	7.73	26.74
1913	97,337	1,870,762	743,469	19.22	7.64	26.86
1914	99,027	1,890,657	750,279	19.09	7.58	26.67
1915	100,725	1,985,539	753,702	19.71	7.48	27.19
1916	102,431	2,414,636	757,161	23.87	7.39	31.26
1917	104,145	3,220,242	766,545	30.92	7.36	38.28
1918	105,869	3,162,808	731,373	29.87	6.91	36.78
1919	106,136	3,113,306	551,016	29.33	5.19	34.52
1920	106,422	2,865,482	527,712	26.93	4.96	31.89
1921	108,445	3,274,730	560,102	30.20	5.16	35.36
1922	109,893	3,784,652	652,385	34.44	5.94	40.38
1923	111,693	4,049,554	761,073	36.26	6.81	43.07
1924	113,727	4,488,391	781,369	39.47	6.87	46.34
1925	115,378	4,360,382	805,533	37.79	6.98	44.77
1926	117,136	4,447,397	822,414	37.97	7.02	44.99
1927	118,628	4,587,298	833,534	38.67	7.03	45.70
1928	120,013	4,109,163	838,972	34.24	6.99	41.23
1929	121,455	4,324,351	844,148	35.60	6.95	42.55
1930	123,191	4,534,866	850,938	36.81	6.91	43.72
1931	124,076	4,955,921	848,578	39.94	6.84	46.78
1932	124,822	3,918,596	844,891	31.39	6.77	38.16
1933	125,693	4,317,554	838,642	34.35	6.67	41.02
1934	126,564	2,785,181	837,459	62.07	6.62	68.69
1935	127,157	9,115,643	1,171,367	71.69	9.21	80.90
1936	128,413	10,608,417	1,587,007	82.61	12.36	94.97
1937	129,337	12,318,271	1,741,175	95.24	13.46	108.70
1938	130,085	12,962,954	1,957,704	99.65	15.05	114.70
1939	131,173	16,110,079	2,157,476	122.82	16.44	139.26
1940	132,130	19,963,091	2,302,501	151.09	17.43	168.52
1941	133,212	22,624,197	2,430,234	169.84	18.24	188.08
1942	134,474	22,736,704	2,582,735	169.08	19.21	188.29

<sup>1</sup> For 1934 and thereafter includes silver bullion revalued to \$1.29+ per fine troy ounce and set up as security against silver certificates.

<sup>2</sup> On Jan. 31, 1934, the weight of the gold dollar was reduced from 25.8 grains of gold nine-tenths fine to 15 5/21 grains nine-tenths fine, thereby giving gold a monetary value of \$35 per fine troy ounce, which compares with the previous \$20.67+ per fine troy ounce. Proclamation of Jan. 31, 1934.

On December 31, 1941, the stock of domestic coin in the United States was \$1,259,174,354 as shewn in the table below:

*Stock of domestic coin in the United States, Dec. 31, 1941<sup>1</sup>*

Item	Silver	Minor	Total
Estimated stock of coin in United States, Dec. 31, 1940.....	\$971,863,164	\$189,378,186	\$1,161,241,350
Coinage executed, calendar year 1941.....	76,120,483	26,089,027	102,209,510
Imports, United States coin, calendar year 1941.....	188,996		188,996
Total.....	1,048,172,643	215,467,213	1,263,639,856
Less:			
Exports, United States coin, calendar year 1941.....	176,000		176,000
United States coin withdrawn from monetary use, calendar year 1941, face amount.....	3,854,199	335,303	4,189,502
United States coin used in the industrial arts, and general disappearance, estimated, calendar year 1941.....	100,000		100,000
Total.....	4,130,199	335,303	4,465,502
Estimated stock of coin in United States Dec. 31, 1941.....	1,044,042,444	215,131,910	1,259,174,354

<sup>1</sup> For method of estimating, see p. 48.

NOTE.—The number of standard silver dollars coined from 1878 to Dec. 31, 1941, was 847,629,915 which, added to Hawaiian dollar coinage, 500,000 plus the number imported from the Philippine Islands, 150,000, and the number returned in Government transports, 496,859, equals 848,776,774. Since July 1, 1898, the number of standard silver dollars exported in transports has been 2,495,000; the net export from November 1919 to July 1920 in movement due to the high price of silver was 28,287,142; those melted under the terms of the Pittman Act of Apr. 23, 1918, total 270,232,722; those melted otherwise (mutilated, etc.) since 1883 numbered 228,889, and the number of Hawaiian dollars melted to Dec. 31, 1941, was 455,329; a total disposition of 301,699,082, leaving in the United States on Dec. 31, 1941, 547,077,692 standard silver dollars and 496,964,752 dollars in subsidiary silver coin.

*Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1941*

ASSETS

Institution	Gold bullion		Silver bullion	
	Fine ounces	Value	Fine ounces	Value
<b>COINAGE MINTS</b>				
Philadelphia.....	182,018.261	\$6,370,639.13	259,173,232.44	\$294,320,210.45
San Francisco.....	23,106,962.968	808,743,703.87	552,622,283.60	492,721,734.30
Denver.....	148,890,299.585	5,211,160,485.80	82,135,524.69	38,899,786.70
<b>ASSAY OFFICES</b>				
New York (including West Point depository).....	60,794,912.165	2,127,821,925.78	1,618,185,590.22	1,317,468,722.39
New Orleans.....	3,569.513	124,932.94	1,201.84	433.99
Seattle.....	62,078.644	2,172,752.55	13,900.79	8,967.46
<b>BULLION DEPOSITORY</b>				
Fort Knox.....	416,559,753.932	14,579,591,387.22		
Total.....	649,599,595.068	22,735,985,827.29	2,512,131,733.58	2,143,419,855.29

*Cash assets and liabilities of the United States mints, assay offices, and bullion depository, Dec. 31, 1941—Continued*

## ASSETS—Continued

Institution	Gold coin at bullion value	Silver coin <sup>1</sup>	Minor coin	Paper currency
<b>COINAGE MINTS</b>				
Philadelphia	8,966.78	\$210,339,536.91	358,048.39	
San Francisco		84,038,187.61	387,600.00	\$112,200.00
Denver		51,749,014.51	129,524.40	117,200.00
<b>ASSAY OFFICES</b>				
New York (including West Point depository)	62.76	62,135,111.94		3,531,972.00
New Orleans		6,378,373.00		
Seattle				
<b>BULLION DEPOSITORY</b>				
Fort Knox				
Total	9,029.54	414,640,223.97	875,172.79	3,761,372.00

Institution	Minor coinage metals	Reimbursable losses on melted coin	Checking credit with U. S. Treasurer	Total assets
<b>COINAGE MINTS</b>				
Philadelphia	731,983.19	68,435.12	68,016.81	512,265,836.78
San Francisco	78,062.46	4,901.00	21,937.54	1,386,108,326.78
Denver	75,358.55	13,153.21	24,641.45	5,302,169,164.62
<b>ASSAY OFFICES</b>				
New York (including West Point depository)				3,510,957,794.87
New Orleans				6,503,739.93
Seattle				2,181,720.01
<b>BULLION DEPOSITORY</b>				
Fort Knox				14,579,591,387.22
Total	885,404.20	86,489.33	114,595.80	25,299,777,970.21

## LIABILITIES

Institution	Bullion fund	Minor coinage metal fund	Recoining fund	Due depositors of bullion	Total
<b>COINAGE MINTS</b>					
Philadelphia	\$511,279,363.74	\$800,000	\$185,185.19	\$1,287.85	\$512,265,836.78
San Francisco	1,385,993,015.52	100,000	4,901.00	10,410.26	1,386,108,326.78
Denver	5,302,055,743.76	100,000	13,420.86		5,302,169,164.62
<b>ASSAY OFFICES</b>					
New York (including West Point depository)	3,510,957,515.83			279.04	3,510,957,794.87
New Orleans	6,503,739.93				6,503,739.93
Seattle	2,181,720.01				2,181,720.01
<b>BULLION DEPOSITORY</b>					
Fort Knox	14,579,591,387.22				14,579,591,387.22
Total	25,298,562,486.01	1,000,000	203,507.05	11,977.15	25,299,777,970.21

<sup>1</sup> Includes unclassified counter cash: Philadelphia, \$3,440.03; San Francisco, \$7,928.31; Denver, \$782.21; New York, \$1,111.94.

*Monetary stock of gold in the United States since 1873<sup>1</sup>*[In thousands of dollars]<sup>2</sup>

End of year	Coin in Treasury	Bullion in Treasury	Coin in Federal Reserve banks	Bullion in Federal Reserve banks	Coin in national banks, comptroller's report	Other coin <sup>3</sup>	Total stock of gold
Fiscal year June 30:							
1873	55,519	15,670			3,818	30,000	105,007
1874	60,972	9,540			5,536	39,607	115,655
1875	45,382	8,259			3,711	31,696	89,048
1876	41,912	9,589			3,226	44,533	99,260
1877	76,662	10,962			5,306	39,059	131,989
1878	122,137	6,323			8,192	39,768	176,420
1879	129,920	5,317			21,531	53,601	210,369
Calendar year:							
1879	95,790	62,000			98,195	46,844	302,739
1880	61,481	93,790			92,185	150,086	397,542
1881	84,640	83,726			101,115	210,776	485,257
1882	119,523	51,501			75,326	234,206	480,556
1883	152,608	65,667			73,447	228,297	520,019
1884	171,553	63,163			76,171	215,813	526,700
1885	75,435	72,938			96,742	313,346	558,461
1886	187,197	81,431			97,781	223,200	589,609
1887	182,619	123,145			99,162	245,146	650,072
1888	227,854	97,457			78,224	246,218	649,753
1889	246,402	67,266			84,416	235,435	633,519
1890	226,220	67,646			80,362	274,056	648,284
1891	196,634	83,576			91,890	253,765	625,865
1892	156,662	81,827			100,991	242,622	582,102
1893	73,624	84,632			151,234	281,940	591,430
1894	91,781	47,107			151,117	248,788	538,793
1895	83,187	29,444			147,308	242,645	502,584
1896	121,746	54,648			161,828	251,011	589,233
1897	152,488	45,279			187,609	252,419	637,795
1898	141,070	140,049			263,889	286,892	831,900
1899	257,306	143,078			203,701	293,388	897,473
1900	328,453	153,095			199,350	307,870	988,768
1901	417,343	123,736			190,172	318,389	1,049,640
1902	458,160	159,971			178,147	324,253	1,120,531
1903	478,970	209,437			170,547	332,731	1,191,685
1904	647,262	49,187			195,111	325,262	1,216,822
1905	662,154	101,184			196,681	327,549	1,287,568
1906	737,677	156,543			188,096	376,007	1,458,323
1907	788,468	162,937			203,289	457,995	1,612,689
1908	924,317	111,041			209,186	411,606	1,656,150
1909	934,803	97,347			213,991	392,508	1,638,649
1910	982,586	120,726			227,978	378,745	1,710,035
1911	1,001,413	183,089			235,185	379,941	1,799,628
1912	995,209	258,858			240,452	385,718	1,880,237
1913	987,678	303,585			232,799	380,632	1,904,694
1914	879,413	304,955	22,058	60	168,660	437,859	1,813,005
1915	1,042,686	648,785	15,450		118,416	486,724	2,312,061
1916	906,491	1,276,738	18,928		120,396	320,251	2,842,804
1917	679,303	1,687,010	35,605	121,166	61,560	570,365	3,155,009
1918	775,909	1,772,117	24,929	84,930	24,725	477,305	3,159,915
1919	540,960	1,720,387	33,457	222,918	21,236	455,169	2,994,127
1920	238,270	1,999,619	65,979	147,313	20,686	453,882	2,925,749
1921	264,733	2,763,866	121,900	70,716	19,360	419,726	3,660,301
1922	309,443	2,976,248	138,481	81,377	19,054	404,211	3,928,816
1923	334,024	3,221,761	196,605	81,344	18,169	391,966	4,243,869
1924	510,781	3,324,705	174,012	80,569	19,368	390,046	4,499,481
1925	595,196	3,099,766	159,871	130,566	18,212	395,814	4,399,425
1926	595,318	3,065,678	181,731	240,652	17,237	301,444	4,492,060
1927	626,202	2,877,221	207,625	266,133	16,997	385,090	4,379,268
1928	693,900	2,512,617	224,736	314,768	16,574	378,736	4,141,421
1929	732,708	2,599,307	327,390	240,755	15,273	368,490	4,283,923
1930	735,087	2,783,637	449,916	256,469	14,088	354,291	4,593,488
1931	976,900	2,580,803	286,082	207,688	12,973	395,653	4,460,099
1932	964,795	2,202,536	410,760	466,431	12,753	455,726	4,513,001
1933	806,429	2,395,331	743,611	66,544	141	310,543	4,322,599
1934	(4)	8,237,967	0	0	0	0	8,237,967
1935	(4)	10,125,175	0	0	0	0	10,125,175
1936	(4)	11,257,626	0	0	0	0	11,257,626
1937	(4)	12,760,151	0	0	0	0	12,760,151
1938	(4)	14,511,624	0	0	0	0	14,511,624
1939	(4)	17,643,577	0	0	0	0	17,643,577
1940	(4)	21,994,775	0	0	0	0	21,994,775
1941	(4)	22,736,556	0	0	0	0	22,736,556

<sup>1</sup> Previous to 1914 (year Federal Reserve System established) figures are unrevised.<sup>2</sup> Prior to 1934 gold monetary value was calculated on basis of \$20.67+ per fine troy ounce; 1934 and thereafter calculated on basis of \$35 per fine troy ounce.<sup>3</sup> Includes coin in State and private banks as well as coin in tills and the hands of the public.<sup>4</sup> Coin awaiting melting included with bullion item.

*Exports of refined silver bullion from the United States since 1900*

[From United States import and export statistics]

Calendar year	United Kingdom	Asia	All other	Total
1900-10 <sup>1</sup>	\$461,306,021	\$58,613,150	\$34,283,578	\$554,202,758
1911	51,143,245	9,370,356	4,019,825	61,533,426
1912	51,388,352	11,413,021	7,959,870	70,761,243
1913	41,299,073	12,696,925	7,813,558	61,809,556
1914	35,421,165	6,142,090	7,626,125	49,189,380
1915	38,564,526	8,361,692	2,971,471	49,897,689
1916	52,210,988	12,019,809	2,742,312	66,973,199
1917	27,090,143	50,023,842	2,656,203	79,770,188
1918	31,322,709	202,503,389	8,601,568	242,427,666
1919	14,440,703	181,671,933	14,066,084	210,178,720
1920	4,902,478	83,438,040	5,970,531	94,311,049
1921	11,843,103	29,916,641	2,942,981	44,702,725
1922	10,682,662	45,097,143	1,001,128	56,780,933
1923	6,315,293	62,066,275	681,762	69,063,330
1924	23,418,769	70,593,505	2,064,232	105,076,506
1925	8,371,476	79,782,973	6,454,557	94,609,006
1926	3,799,262	80,853,036	3,891,161	88,543,459
1927	2,309,847	54,748,487	2,690,776	59,848,110
1928	544,052	80,092,220	4,036,456	84,672,728
1929	83,562	60,150,728	2,554,128	62,788,418
1930	2,053,773	47,320,561	1,521,589	50,895,923
1931	4,653,596	16,434,212	2,669,278	23,757,086
1932	607,091	9,883,473	3,359,330	13,849,894
1933	6,595,946	8,609,401	3,835,626	19,040,973
1934	6,628,829	1,351,145	8,571,362	16,551,336
1935	296,384	-----	18,504,907	18,801,291
1936	13,500	-----	1,227,806	1,241,306
1937	196,755	2,542	753,138	952,435
1938	89,591	75	700,627	790,293
1939	5,757,886	546,580	2,008,390	8,312,856
1940	-----	1,359,350	1,983,834	3,343,184
1941 <sup>2</sup>	-----	-----	-----	-----
Total	903,440,780	1,294,062,693	170,173,193	2,367,676,666

<sup>1</sup> Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.<sup>2</sup> Data will not be published for duration of war.*Exports of silver from London to India, China, and the Straits since 1881*

[From replies to interrogatories]

Calendar year	India	China	Straits	Total
1881-90 <sup>1</sup>	\$232,194,271	\$26,240,746	\$54,866,527	\$313,301,544
1891-1900	269,872,576	63,081,893	61,808,988	394,763,457
1901-10	425,855,098	38,176,749	17,907,809	481,939,656
1911	43,131,303	5,208,615	-----	48,339,918
1912	58,181,441	9,329,080	-----	67,510,521
1913	47,793,897	3,674,207	9,295	51,477,399
1914	27,554,123	243,325	1,216	27,798,664
1915	18,454,444	24,332	32,435	18,511,211
1916-18 <sup>2</sup>	-----	-----	-----	-----
1919	1,546,832	2,766,240	-----	4,313,072
1920	18,662,366	24,727,149	-----	43,389,515
1921	30,756,772	16,789,537	-----	47,546,309
1922	34,480,053	16,457,043	-----	50,937,096
1923	42,617,483	10,115,264	-----	52,732,747
1924	21,651,852	1,791,582	138,744	23,582,178
1925	24,391,638	3,945,189	3,261	28,340,088
1926	37,277,181	1,736,732	1,325,776	40,339,689
1927	23,430,762	694,776	10,804	24,136,342
1928	19,756,973	11,262,890	963,718	31,933,581
1929	19,215,677	5,648,167	-----	24,863,844
1930	27,487,140	6,634,738	145,854	34,267,732
1931 <sup>3</sup>	14,272,412	3,955,470	392,919	18,620,801
1932	2,634,319	4,907,127	241,020	7,782,466
1933	2,720,612	380,255	216,461	3,317,328
1934	4,653,756	21,003	170,574	4,845,333
1935	3,725,447	1,550,346	-----	5,275,793
1936	46,764,042	905	38,244	46,803,191
1937	16,999,886	770	270,916	17,271,572
1938 <sup>4</sup>	2,506,904	1,253	-----	2,508,157
1939 <sup>5</sup>	5,985,152	-----	-----	5,985,152
1940 <sup>2</sup>	-----	-----	-----	-----
1941 <sup>2</sup>	-----	-----	-----	-----

<sup>1</sup> Data for individual years published in Reports of the Director of the Mint for 1931 and for prior years.<sup>2</sup> No information available.<sup>3</sup> Valued in 1931 and thereafter at the approximate United States equivalent of the average London price of silver.<sup>4</sup> From Year Book, American Bureau of Metal Statistics.<sup>5</sup> For first 6 months only.

*Gold and silver coin and bullion imported into and exported from British India since  
1873-74 (British standard ounces)*

[From Financial and Commercial Statistics of British India]

Fiscal year ended Mar. 31 <sup>1</sup>	Gold			Silver		
	Imported	Exported	Net im-	Imported	Exported	Net im-
			ports	Ounces	Ounces	ports
1873-74 to 1880-81			2,628,688			162,343,853
1881-82 to 1886-87			5,126,298			158,666,897
1887-88 to 1890-91	3,108,078	330,850	2,777,228	175,853,335	20,461,848	155,391,487
1891-92 to 1900-1901	9,508,730	6,079,786	3,428,944	490,099,704	142,380,104	347,719,600
1901-02 to 1910-11	29,247,312	11,406,044	17,841,268	895,652,016	169,777,631	725,874,385
1911-12	6,817,312	647,286	6,224,026	70,378,747	38,149,647	32,229,100
1912-13	6,813,489	1,251,418	5,562,071	107,190,427	16,112,785	91,077,642
1913-14	4,593,163	843,726	3,749,437	79,834,999	8,727,648	71,107,351
1914-15	1,705,088	527,105	1,177,983	64,160,128	8,394,005	55,766,123
1915-16	832,772	1,093,919	-261,147	39,833,279	6,900,906	32,932,373
1916-17	2,282,923	17,523	2,265,400	116,959,115	24,765,309	92,193,806
1917-18	4,903,243	696,174	4,207,069	88,814,458	14,282,960	74,531,498
1918-19	389,996	1,345,645	-955,649	241,747,804	4,719,187	237,028,617
1919-20	7,829,436	2,222,730	5,606,706	101,051,961	4,110,179	96,941,782
1920-21	3,727,589	2,907,032	820,557	43,221,213	20,981,787	22,239,446
1921-22	1,798,936	2,049,292	-250,356	73,838,216	9,703,900	64,134,316
1922-23	5,877,753	19,455	5,858,298	96,500,149	10,443,006	86,057,143
1923-24	4,329,248	9,892	4,319,356	107,836,545	14,578,488	93,258,057
1924-25	12,024,013	58,792	11,965,221	122,329,383	19,975,224	102,354,159
1925-26	6,201,515	65,934	6,135,581	108,346,651	14,982,897	93,363,754
1926-27	3,403,006	17,477	3,385,529	134,006,039	9,763,694	124,242,345
1927-28	3,188,026	6,267	3,181,759	107,651,689	14,829,876	92,821,813
1928-29	3,788,585	3,144	3,785,441	103,680,619	39,859,710	63,820,909
1929-30	2,525,247	1,685	2,523,562	97,496,975	34,976,431	62,520,544
1930-31	2,329,626	86,973	2,242,653	111,225,416	30,689,481	80,535,935
1931-32	450,050	8,180,732	-7,730,682	32,399,139	43,540,420	-11,141,281
1932-33	172,412	8,526,241	-8,353,829	8,429,432	32,946,724	-24,517,292
1933-34	134,901	6,830,199	-6,695,298	4,872,386	57,861,476	-52,989,090
1934-35	79,992	5,774,812	-5,694,820	29,618,110	68,262,004	-38,643,894
1935-36	103,461	4,122,723	-4,019,262	49,836,880	48,320,802	1,516,078
1936-37	172,781	3,182,817	-3,010,036	112,255,948	2,144,483	110,111,465
1937-38	169,525	1,937,987	-1,768,462	24,143,546	8,364,562	15,778,984
1938-39	80,355	1,435,067	-1,354,712	17,005,976	6,006,016	11,899,960
1939-40 <sup>2</sup>	156,132	3,019,293	-2,863,161	32,079,275	22,382,276	9,696,999
1940-41 <sup>3</sup>						

<sup>1</sup> Data for individual years published in reports of the Director of the Mint for 1931 and for prior years.

<sup>2</sup> For first 10 months only: Apr. 1, 1939, to Jan. 31, 1940.

<sup>3</sup> Data not available.

NOTE.—Net exports are shown with a prefixed minus sign. The quantities in the column "Net imports" for both gold and silver for the years 1873-74 to 1886-87 are estimated only, deducted from the declared values of the trade for those years by the following process:

For gold, the rupee value of the monthly net imports was converted into sterling at the average rate of exchange in each month, and this sterling value was then divided by the English mint price of gold, (£3 17s. 10½d.). For silver the average price of 107 rupees per 100 teals, or 285.33 rupees per 100 ounces was taken as the basis of the value of the annual imports.

*Price of silver in London and in New York, 1941-42*

Month	London price per ounce, 0.925 fine			Average monthly exchange, New York on London	United States equivalent, per fine ounce, of London price at cur- rent rate of exchange	Average monthly New York price of fine bar silver, per ounce (mean of bid and asked quotations)
	Highest	Lowest	Average			
January 1941	Pence	Pence	Pence	Dollars	Dollars	Dollars
January	23 $\frac{3}{4}$	23 $\frac{3}{4}$	23.2727	4.0342	.42291	.35062
February	23 $\frac{7}{10}$	23 $\frac{3}{4}$	23.3406	4.0297	.42367	.35062
March	23 $\frac{1}{2}$	23 $\frac{3}{4}$	23.4464	4.0319	.42582	.35062
April	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0248	.42605	.35062
May	23 $\frac{1}{2}$	23 $\frac{3}{8}$	23.4574	4.0310	.42593	.35062
June	23 $\frac{3}{10}$	23 $\frac{3}{8}$	23.4000	4.0316	.42496	.35062
July	23 $\frac{1}{2}$	23 $\frac{1}{4}$	23.3967	4.0323	.42496	.35062
August	23 $\frac{1}{2}$	23 $\frac{3}{10}$	23.4594	4.0318	.42604	.35062
September	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0327	.42688	.35062
October	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0329	.42690	.35062
November	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0342	.42704	.35084
December	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0350	.42713	.35437
1942						
January	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0350	.42713	.35437
February	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0350	.42713	.35437
March	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0348	.42711	.35437
April	23 $\frac{1}{2}$	23 $\frac{7}{10}$	23.4970	4.0350	.42707	.35437
May	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0350	.42713	.35437
June	23 $\frac{1}{2}$	23 $\frac{1}{2}$	23.5000	4.0350	.42713	.35437
Average, calendar year 1941			23.4390	4.0318	.42568	.35095
Average, fiscal year 1941-42			23.4870	4.0340	.42680	.35284

*Highest, lowest, and average price of silver in New York, per fine ounce, since 1874, being the asked price to and including 1917, thereafter taken at the mean of the bid and asked prices*

Calendar year	Quotations			Calendar year	Quotations		
	Highest	Lowest	Average		Highest	Lowest	Average
1874	\$1.29375	\$1.25500	\$1.27195	1908	\$0.58875	\$0.48250	\$0.53496
1875	1.26125	1.21000	1.23883	1909	.54500	.50750	.52163
1876	1.26000	1.03500	1.14950	1910	.57625	.50750	.54245
1877	1.26000	1.16000	1.19408	1911	.57500	.52125	.54002
1878	1.20750	1.08500	1.15429	1912	.65625	.55250	.62006
1879	1.16750	1.06500	1.12088	1913	.65125	.58000	.61241
1880	1.15000	1.11250	1.13931	1914	.60875	.49000	.56331
1881	1.14500	1.11000	1.12823	1915	.58000	.47750	.51062
1882	1.15000	1.09000	1.13855	1916	.79125	.57250	.67151
1883	1.11750	1.09500	1.10874	1917	1.16500	.73125	.84000
1884	1.13250	1.08000	1.11161	1918	1.01937	.88937	.98445
1885	1.09500	1.02750	1.06428	1919	1.38250	1.01375	1.12087
1886	1.03500	.92500	.99880	1920	1.37875	.60375	1.01940
1887	1.03500	.95000	.97899	1921	.73813	.53188	.63096
1888	.97750	.92000	.94300	1922	.74188	.62875	.67934
1889	.97250	.92500	.93634	1923	.69000	.62875	.65239
1890	1.20500	.95750	1.05329	1924	.72375	.63000	.67111
1891	1.07500	.94750	.99033	1925	.73187	.66812	.69406
1892	.95250	.83000	.87552	1926	.68937	.51812	.62428
1893	.85000	.65000	.78219	1927	.60312	.54187	.56680
1894	.70000	.59500	.64043	1928	.63937	.56812	.58488
1895	.69000	.60000	.66268	1929	.57812	.46812	.53306
1896	.70250	.65625	.68195	1930	.47187	.31062	.38466
1897	.66125	.52750	.60774	1931	.37562	.26062	.29013
1898	.62250	.55125	.59064	1932	.31312	.24562	.28204
1899	.64750	.58625	.60507	1933	.45312	.24812	.34997
1900	.65750	.59750	.62065	1934	.56062	.42062	.48283
1901	.64500	.54750	.59703	1935	.81312	.50062	.64582
1902	.56875	.47375	.52815	1936	.50062	.45062	.45399
1903	.62375	.47500	.54208	1937	.47062	.45062	.45195
1904	.62500	.53375	.57843	1938	.45062	.43062	.43537
1905	.66500	.55625	.61008	1939	.43062	.35062	.39395
1906	.72375	.63125	.67379	1940	.35937	.35062	.35085
1907	.71000	.52750	.65978	1941	.35437	.35062	.35095

Highest, lowest, and average price of bar silver in London, per ounce British standard (925 thousandths fine), since 1833, and the equivalent in United States gold dollars of an ounce 1.000 fine, taken at the average price, and par of exchange to include 1930, thereafter at current rate of exchange

Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation	Calendar year	Highest quotation	Lowest quotation	Average quotation	Value of a fine ounce at average quotation
	Pence	Pence	Pence	Dollars		Pence	Pence	Pence	Dollars
1833	59 $\frac{1}{2}$	58 $\frac{3}{4}$	59 $\frac{3}{4}$	1.297	1888	44 $\frac{1}{2}$	41 $\frac{5}{8}$	42 $\frac{1}{2}$	0.93974
1834	60 $\frac{1}{2}$	59 $\frac{3}{4}$	59 $\frac{3}{4}$	1.313	1889	44 $\frac{1}{2}$	41 $\frac{5}{8}$	42 $\frac{1}{2}$	.93511
1835	60	59 $\frac{1}{4}$	59 $\frac{1}{4}$	1.308	1890	54 $\frac{1}{2}$	43 $\frac{5}{8}$	47 $\frac{1}{4}$	1.04634
1836	60 $\frac{1}{2}$	59 $\frac{5}{8}$	60	1.315	1891	48 $\frac{1}{4}$	43 $\frac{1}{2}$	45 $\frac{1}{4}$	.98800
1837	60 $\frac{1}{2}$	59	59 $\frac{1}{2}$	1.305	1892	43 $\frac{1}{2}$	37 $\frac{5}{8}$	39 $\frac{1}{4}$	.87145
1838	60 $\frac{1}{2}$	59 $\frac{1}{2}$	59 $\frac{1}{2}$	1.304	1893	38 $\frac{1}{2}$	30 $\frac{1}{2}$	35 $\frac{1}{2}$	.78030
1839	60 $\frac{5}{8}$	60	60 $\frac{1}{8}$	1.323	1894	31 $\frac{1}{2}$	27	28 $\frac{1}{2}$	.63479
1840	60 $\frac{1}{2}$	60 $\frac{1}{8}$	60 $\frac{1}{8}$	1.323	1895	31 $\frac{1}{2}$	27 $\frac{3}{4}$	29 $\frac{1}{2}$	.65406
1841	60 $\frac{1}{2}$	59 $\frac{1}{4}$	60 $\frac{1}{8}$	1.316	1896	31 $\frac{5}{8}$	29 $\frac{3}{4}$	30 $\frac{1}{2}$	.67565
1842	60	59 $\frac{1}{4}$	59 $\frac{1}{4}$	1.303	1897	29 $\frac{13}{16}$	23 $\frac{5}{8}$	27 $\frac{1}{2}$	.60438
1843	59 $\frac{5}{8}$	59	59 $\frac{1}{2}$	1.297	1898	28 $\frac{1}{2}$	25	26 $\frac{1}{2}$	.59010
1844	59 $\frac{1}{2}$	59 $\frac{1}{4}$	59 $\frac{1}{2}$	1.304	1899	29	26 $\frac{1}{2}$	27 $\frac{1}{2}$	.60154
1845	59 $\frac{1}{2}$	58 $\frac{7}{8}$	59 $\frac{1}{2}$	1.298	1900	30 $\frac{1}{2}$	27	28 $\frac{1}{2}$	.62007
1846	60 $\frac{1}{2}$	59	59 $\frac{1}{2}$	1.300	1901	29 $\frac{9}{16}$	24 $\frac{1}{2}$	27 $\frac{1}{2}$	.59955
1847	60 $\frac{1}{2}$	58 $\frac{7}{8}$	59 $\frac{11}{16}$	1.308	1902	26 $\frac{1}{2}$	21 $\frac{1}{2}$	24 $\frac{1}{2}$	.52795
1848	60	58 $\frac{1}{2}$	59 $\frac{1}{2}$	1.304	1903	28 $\frac{1}{2}$	21 $\frac{1}{2}$	24 $\frac{1}{2}$	.54257
1849	60	59 $\frac{1}{2}$	59 $\frac{1}{2}$	1.309	1904	28 $\frac{1}{2}$	24 $\frac{1}{2}$	26 $\frac{1}{2}$	.57876
1850	61 $\frac{1}{2}$	59 $\frac{1}{2}$	60 $\frac{1}{8}$	1.316	1905	30 $\frac{1}{2}$	25 $\frac{1}{2}$	27 $\frac{1}{2}$	.61027
1851	61 $\frac{5}{8}$	60	61	1.337	1906	33 $\frac{1}{2}$	29	30 $\frac{1}{2}$	.67689
1852	61 $\frac{7}{8}$	59 $\frac{7}{8}$	60 $\frac{1}{2}$	1.326	1907	32 $\frac{1}{2}$	24 $\frac{1}{2}$	30 $\frac{1}{2}$	.66152
1853	61 $\frac{7}{8}$	60 $\frac{5}{8}$	61 $\frac{1}{2}$	1.348	1908	27	22	24 $\frac{1}{2}$	.53490
1854	61 $\frac{7}{8}$	60 $\frac{7}{8}$	61 $\frac{1}{2}$	1.348	1909	24 $\frac{1}{2}$	23 $\frac{1}{2}$	23 $\frac{9}{16}$	.52016
1855	61 $\frac{5}{8}$	60	61 $\frac{1}{2}$	1.344	1910	26 $\frac{1}{2}$	23 $\frac{3}{4}$	24 $\frac{1}{2}$	.54077
1856	62 $\frac{1}{2}$	60 $\frac{1}{2}$	61 $\frac{5}{8}$	1.344	1911	26 $\frac{1}{2}$	23 $\frac{11}{16}$	24 $\frac{1}{2}$	.53928
1857	62 $\frac{3}{8}$	61	61 $\frac{1}{2}$	1.353	1912	29 $\frac{13}{16}$	25 $\frac{3}{8}$	28 $\frac{1}{2}$	.61470
1858	61 $\frac{7}{8}$	60 $\frac{3}{4}$	61 $\frac{5}{8}$	1.344	1913	29 $\frac{1}{2}$	26 $\frac{1}{2}$	27 $\frac{1}{2}$	.60158
1859	62 $\frac{3}{4}$	61 $\frac{3}{4}$	62 $\frac{1}{2}$	1.360	1914	27 $\frac{1}{2}$	22 $\frac{1}{2}$	25 $\frac{1}{2}$	.55312
1860	62 $\frac{3}{8}$	61 $\frac{1}{4}$	61 $\frac{11}{16}$	1.352	1915	27 $\frac{1}{2}$	22 $\frac{1}{2}$	23 $\frac{1}{2}$	.51892
1861	61 $\frac{3}{8}$	60 $\frac{1}{2}$	60 $\frac{11}{16}$	1.333	1916	37 $\frac{1}{2}$	26 $\frac{1}{2}$	31 $\frac{1}{2}$	.68617
1862	62 $\frac{1}{2}$	61	61 $\frac{1}{2}$	1.346	1917	55	35 $\frac{1}{2}$	40 $\frac{1}{2}$	.89525
1863	61 $\frac{3}{4}$	61	61 $\frac{1}{2}$	1.345	1918	49 $\frac{1}{2}$	42 $\frac{1}{2}$	47 $\frac{1}{2}$	1.04171
1864	62 $\frac{1}{2}$	60 $\frac{5}{8}$	61 $\frac{3}{8}$	1.345	1919	79 $\frac{1}{2}$	47 $\frac{1}{2}$	57 $\frac{1}{2}$	1.25047
1865	61 $\frac{5}{8}$	60 $\frac{1}{2}$	61 $\frac{1}{2}$	1.338	1920	89 $\frac{1}{2}$	38 $\frac{1}{2}$	61 $\frac{1}{2}$	1.34649
1866	62 $\frac{1}{2}$	60 $\frac{3}{4}$	61 $\frac{1}{2}$	1.339	1921	43 $\frac{1}{2}$	30 $\frac{1}{2}$	36 $\frac{1}{2}$	.80522
1867	61 $\frac{1}{2}$	60 $\frac{3}{4}$	60 $\frac{1}{2}$	1.328	1922	37 $\frac{1}{2}$	30 $\frac{1}{2}$	34 $\frac{1}{2}$	.75403
1868	61 $\frac{1}{2}$	60 $\frac{1}{2}$	60 $\frac{1}{2}$	1.326	1923	33 $\frac{1}{2}$	30 $\frac{1}{2}$	31 $\frac{1}{2}$	.70028
1869	61	60	60 $\frac{1}{2}$	1.325	1924	36 $\frac{1}{2}$	31 $\frac{1}{2}$	33 $\frac{1}{2}$	.74456
1870	60 $\frac{3}{4}$	60 $\frac{1}{2}$	60 $\frac{11}{16}$	1.328	1925	33 $\frac{1}{2}$	31 $\frac{1}{2}$	32 $\frac{1}{2}$	.70246
1871	61	60 $\frac{3}{4}$	60 $\frac{1}{2}$	1.326	1926	31 $\frac{13}{16}$	24 $\frac{1}{2}$	28 $\frac{1}{2}$	.62873
1872	61 $\frac{5}{8}$	59 $\frac{1}{2}$	60 $\frac{11}{16}$	1.322	1927	28	24 $\frac{1}{2}$	26 $\frac{1}{2}$	.57070
1873	59 $\frac{11}{16}$	57 $\frac{7}{8}$	59 $\frac{3}{4}$	1.29769	1928	28 $\frac{7}{8}$	26 $\frac{1}{2}$	26 $\frac{3}{4}$	.58267
1874	59 $\frac{1}{2}$	57 $\frac{7}{8}$	58 $\frac{3}{4}$	1.27883	1929	26 $\frac{7}{8}$	21 $\frac{5}{16}$	24 $\frac{1}{2}$	.53631
1875	57 $\frac{5}{8}$	55 $\frac{1}{2}$	56 $\frac{11}{16}$	1.24233	1930	21 $\frac{1}{2}$	14 $\frac{7}{16}$	17 $\frac{1}{2}$	.38724
1876	58 $\frac{1}{2}$	46 $\frac{3}{4}$	52 $\frac{3}{4}$	1.16414	1931	21 $\frac{9}{16}$	12	14 $\frac{1}{2}$	.29176
1877	58 $\frac{1}{2}$	53 $\frac{1}{4}$	54 $\frac{11}{16}$	1.20189	1932	20 $\frac{1}{2}$	16 $\frac{3}{8}$	17 $\frac{1}{2}$	.28116
1878	55 $\frac{3}{4}$	49 $\frac{1}{2}$	52 $\frac{11}{16}$	1.15358	1933	20 $\frac{1}{2}$	16 $\frac{1}{2}$	18 $\frac{5}{8}$	.34581
1879	53 $\frac{3}{4}$	48 $\frac{7}{8}$	51 $\frac{1}{2}$	1.12392	1934	25 $\frac{1}{4}$	18 $\frac{3}{16}$	21 $\frac{1}{2}$	.48122
1880	52 $\frac{13}{16}$	51 $\frac{1}{2}$	52 $\frac{1}{2}$	1.14507	1935	36 $\frac{1}{4}$	20 $\frac{7}{8}$	28 $\frac{1}{2}$	.63933
1881	52 $\frac{1}{2}$	50 $\frac{7}{8}$	51 $\frac{11}{16}$	1.13229	1936	22 $\frac{1}{2}$	19	20 $\frac{1}{2}$	.44934
1882	52 $\frac{3}{8}$	50	51 $\frac{1}{2}$	1.13562	1937	21 $\frac{1}{2}$	18 $\frac{3}{16}$	20 $\frac{1}{2}$	.44687
1883	51 $\frac{3}{4}$	50 $\frac{1}{2}$	50 $\frac{1}{2}$	1.10874	1938	20 $\frac{1}{2}$	18 $\frac{3}{8}$	19 $\frac{1}{2}$	.42989
1884	51 $\frac{3}{8}$	49 $\frac{1}{2}$	50 $\frac{11}{16}$	1.11068	1939	23 $\frac{1}{2}$	16 $\frac{1}{2}$	20 $\frac{1}{2}$	.40776
1885	50	46 $\frac{7}{8}$	48 $\frac{9}{16}$	1.06510	1940	23 $\frac{1}{2}$	20 $\frac{1}{2}$	22 $\frac{1}{2}$	.38458
1886	47	42	45 $\frac{3}{8}$	.99467	1941	23 $\frac{1}{2}$	23 $\frac{3}{16}$	23 $\frac{1}{2}$	.42568
1887	47 $\frac{1}{2}$	43 $\frac{1}{4}$	44 $\frac{1}{16}$	.97946					

*Average market price of an ounce of gold in London and United States equivalent from 1870 to 1918, with percent of premium over Bank of England's minimum buying rate*

Calendar year	Average London price per stand- ard ounce	United States equiva- lent of London price <sup>1</sup> —		Percent premium of average price above Bank of England's minimum buying rate
		For British standard ounce (0.916⅔)	For a fine ounce (1.000)	
1870	3 17 9.01	\$18.9190	\$20.6389	0.00107
1871	3 17 9.01	18.9190	20.6389	.00107
1872	3 17 9.24	18.9237	20.6440	.05572
1873	3 17 9.28	18.9245	20.6449	.03001
1874	3 17 9.00	18.9188	20.6387	—
1875	3 17 9.23	18.9235	20.6438	.02465
1876	3 17 9.30	18.9249	20.6453	.03215
1877	3 17 9.42	18.9273	20.6480	.04502
1878	3 17 9.41	18.9271	20.6477	.04394
1879	3 17 9.11	18.9210	20.6111	.01179
1880	3 17 9.15	18.9218	20.6420	.01608
1881	3 17 9.35	18.9259	20.6464	.03751
1882	3 17 9.43	18.9275	20.6482	.04609
1883	3 17 9.18	18.9224	20.6426	.01929
1884	3 17 9.32	18.9253	20.6458	.03430
1885	3 17 9.17	18.9222	20.6424	.01822
1886	3 17 9.10	18.9208	20.6409	.01072
1887	3 17 9.01	18.9190	20.6389	.00107
1888	3 17 9.21	18.9231	20.6434	.02251
1889	3 17 9.04	18.9196	20.6396	.00429
1890	3 17 9.44	18.9277	20.6484	.04716
1891	3 17 10.29	18.9450	20.6673	.13826
1892	3 17 10.17	18.9425	20.6645	.12540
1893	3 17 10.57	18.9506	20.6734	.16827
1894	3 17 9.33	18.9255	20.6160	.03537
1895	3 17 9.03	18.9194	20.6393	.00322
1896	3 17 10.16	18.9423	20.6643	.12433
1897	3 17 11.23	18.9640	20.6880	.23901
1898	3 17 10.46	18.9484	20.6710	.15648
1899	3 17 9.27	18.9243	20.6447	.02894
1900	3 17 9.91	18.9373	20.6589	.09753
1901	3 17 9.83	18.9356	20.6570	.08896
1902	3 17 9.55	18.9300	20.6509	.05895
1903	3 17 10.06	18.9403	20.6621	.11361
1904	3 17 9.94	18.9379	20.6595	.10075
1905	3 17 9.42	18.9273	20.6480	.04502
1906	3 17 9.82	18.9354	20.6568	.08739
1907	3 17 9.95	18.9381	20.6597	.10181
1908	3 17 10.19	18.9429	20.6650	.12755
1909	3 17 9.18	18.9224	20.6426	.01929
1910	3 17 9.03	18.9194	20.6393	.00322
1911	3 17 9.00	18.9188	20.6387	—
1912	3 17 9.00	18.9188	20.6387	—
1913	3 17 9.00	18.9188	20.6387	—
1914	3 17 9.04	18.9196	20.6396	.00429
1915	3 17 9.00	18.9188	20.6387	—
1916	3 17 9.00	18.9188	20.6387	—
1917	3 17 9.00	18.9188	20.6387	—
1918	3 17 9.00	18.9188	20.6387	—
British mint price per standard ounce (0.916⅔)	3 17 10.50	18.9492	—	.16077
Equivalent per fine ounce	4 4 11.45+	—	20.6718	.16077
Bank of England's minimum buying rate per standard ounce (0.916⅔)	3 17 9.00	18.9188	—	—
Equivalent per fine ounce	4 4 9.82—	—	20.6387	—

<sup>1</sup> Conversions on basis of legal monetary parity, i. e., £1 (sterling) = \$4.8665+; exchange not a factor.

*Average market price, per fine ounce, of gold in London, and United States equivalent, since 1919, with percent of premium over Bank of England's minimum buying rate (London quotations were changed in September 1919 from the standard ounce to a fine ounce basis)*

Calendar year	Average London market price per fine ounce	United States equivalent of London price, per fine ounce, conversions on basis of legal monetary parity <sup>1</sup>	Percent premium of average price above Bank of England's minimum buying rate	Average current rate of exchange—New York on London	United States equivalent of London price, per fine ounce, at average current rate of exchange
1919	£ 4 10 1.03	\$21.9204	6.21033	\$4.4258	\$19.9351
1920	5 12 11.52	27.4863	33.17875	3.6643	20.6960
1921	5 7 .50	26.0463	26.20109	3.8491	20.6007
1922	4 13 3.80	22.7066	10.01952	4.4292	20.6659
1923	4 10 2.90	21.9583	6.39381	4.5748	20.6419
1924	4 13 8.30	22.7978	10.46141	4.4171	20.6923
1925	4 5 5.60	20.7964	.76410	4.8289	20.6355
1926	4 4 11.10	20.6646	.12549	4.8582	20.6291
1927	4 4 11.20	20.6667	.13561	4.8610	20.6430
1928	4 4 11.20	20.6667	.13561	4.8662	20.6651
1929	4 4 11.35	20.6697	.15020	4.8569	20.6287
1930	4 4 11.93	20.6814	20689	4.8621	20.6625
1931	4 12 6.23	22.5126	9.07954	4.5350	20.9787
1932	5 18 .82	28.7293	39.20110	3.5061	20.6980
1933	6 4 10.40	30.3836	47.21663	4.2368	26.4518
1934 (equivalents at old parity)	6 17 7.85	33.4951	62.29270	5.0393	34.6840
1934 (equivalents at new parity)	6 17 7.85	56.7114	62.29270	5.0393	34.6840
1935	7 2 1.24	58.5450	67.53997	4.9018	34.8281
1936	7 0 3.45	57.7964	65.39768	4.9709	34.8678
1937	7 0 8.77	57.9790	65.92023	4.9440	34.7887
1938	7 2 6.66+	58.7306	68.07111	4.8894	34.8505
1939	7 14 4.07	63.5854	81.96423	4.4354	34.2278
1940	8 8 -----	69.2134	98.07004	3.8300	32.1720
1941	8 8 -----	69.2134	98.07004	4.0318	33.8671
British Mint price per fine ounce-----	4 4 11.45+	{ 2 20.6718 3 35.0000}	.16077	-----	-----
Bank of England's minimum buying rate per fine ounce-----	4 4 9.82-	{ 2 20.6387 3 34.9439}	-	-----	-----

<sup>1</sup> Legal parity prior to February 1934, was £1 (sterling) = \$4.8665+; thereafter £1 (sterling) = \$8.2397+.

<sup>2</sup> Prior to February 1934.

<sup>3</sup> Since Jan. 31, 1934.

*Bullion value of the silver dollar [37 1/4 grains of pure silver] at the annual average price of silver each calendar year since 1837*

Year	Value	Year	Value	Year	Value	Year	Value	Year	Value
1837	\$1.009	1858	\$1.039	1879	\$0.86928	1900	\$0.47958	1921	\$0.48801
1838	1.008	1859	1.052	1880	.88564	1901	.46093	1922	.52543
1839	1.023	1860	1.045	1881	.87575	1902	.40835	1923	.50458
1840	1.023	1861	1.031	1882	.87833	1903	.41960	1924	.51906
1841	1.018	1862	1.041	1883	.85754	1904	.44763	1925	.53681
1842	1.007	1863	1.040	1884	.85904	1905	.47200	1926	.48284
1843	1.003	1864	1.040	1885	.82379	1906	.52353	1927	.43838
1844	1.008	1865	1.035	1886	.76931	1907	.51164	1928	.45237
1845	1.004	1866	1.036	1887	.75755	1908	.41371	1929	.41229
1846	1.005	1867	1.027	1888	.72683	1909	.40231	1930	.29751
1847	1.011	1868	1.025	1889	.72325	1910	.41825	1931	.22440
1848	1.008	1869	1.024	1890	.80927	1911	.41709	1932	.21814
1849	1.013	1870	1.027	1891	.76416	1912	.47543	1933	.27068
1850	1.018	1871	1.025	1892	.67401	1913	.46760	1934	.37344
1851	1.034	1872	1.022	1893	.60351	1914	.42780	1935	.49950
1852	1.025	1873	1.00368	1894	.49097	1915	.40135	1936	.35113
1853	1.042	1874	.98909	1895	.50587	1916	.53094	1937	.34956
1854	1.042	1875	.96086	1896	.52257	1917	.69242	1938	.33673
1855	1.039	1876	.90039	1897	.46745	1918	.76142	1939	.30470
1856	1.039	1877	.92958	1898	.45640	1919	.86692	1940	.27136
1857	1.046	1878	.89222	1899	.46525	1920	.78844	1941	.27144

*Average commercial ratio of silver to gold each calendar year since 1687*

Year	Ratio	Year	Ratio								
1687	14.94	1730	14.81	1773	14.62	1816	15.28	1859	15.19	1902	39.15
1688	14.94	1731	14.94	1774	14.62	1817	15.11	1860	15.29	1903	38.10
1689	15.02	1732	15.09	1775	14.72	1818	15.35	1861	15.50	1904	35.70
1690	15.02	1733	15.18	1776	14.55	1819	15.33	1862	15.35	1905	33.87
1691	14.98	1734	15.39	1777	14.54	1820	15.62	1863	15.37	1906	30.54
1692	14.92	1735	15.41	1778	14.68	1821	15.95	1864	15.37	1907	31.24
1693	14.83	1736	15.18	1779	14.80	1822	15.80	1865	15.44	1908	38.64
1694	14.87	1737	15.02	1780	14.72	1823	15.84	1866	15.43	1909	39.74
1695	15.02	1738	14.91	1781	14.78	1824	15.82	1867	15.57	1910	38.22
1696	15.00	1739	14.91	1782	14.42	1825	15.70	1868	15.59	1911	38.33
1697	15.20	1740	14.94	1783	14.48	1826	15.76	1869	15.60	1912	33.62
1698	15.07	1741	14.92	1784	14.70	1827	15.74	1870	15.57	1913	31.19
1699	14.94	1742	14.85	1785	14.92	1828	15.78	1871	15.57	1914	37.37
1700	14.81	1743	14.85	1786	14.96	1829	15.78	1872	15.63	1915	40.48
1701	15.07	1744	14.87	1787	14.92	1830	15.82	1873	15.93	1916	30.78
1702	15.52	1745	14.98	1788	14.65	1831	15.72	1874	16.16	1917	24.61
1703	15.17	1746	15.13	1789	14.75	1832	15.73	1875	16.64	1918	21.00
1704	15.22	1747	15.26	1790	15.04	1833	15.93	1876	17.75	1919	18.44
1705	15.11	1748	15.11	1791	15.05	1834	15.73	1877	17.20	1920	20.28
1706	15.27	1749	14.80	1792	15.17	1835	15.80	1878	17.92	1921	32.76
1707	15.44	1750	14.55	1793	15.00	1836	15.72	1879	18.39	1922	30.43
1708	15.41	1751	14.39	1794	15.37	1837	15.83	1880	18.05	1923	31.69
1709	15.31	1752	14.50	1795	15.55	1838	15.85	1881	18.25	1924	30.80
1710	15.22	1753	14.54	1796	15.65	1839	15.62	1882	18.20	1925	29.78
1711	15.29	1754	14.48	1797	15.41	1840	15.62	1883	18.64	1926	33.11
1712	15.31	1755	14.68	1798	15.59	1841	15.70	1884	18.61	1927	36.47
1713	15.24	1756	14.94	1799	15.74	1842	15.87	1885	19.41	1928	35.34
1714	15.13	1757	14.87	1800	15.68	1843	15.93	1886	20.78	1929	38.78
1715	15.11	1758	14.85	1801	15.46	1844	15.85	1887	21.10	1930	53.74
1716	15.09	1759	14.15	1802	15.26	1845	15.92	1888	22.00	1931	71.25
1717	15.13	1760	14.14	1803	15.41	1846	15.90	1889	22.10	1932	73.29
1718	15.11	1761	14.54	1804	15.41	1847	15.80	1890	19.75	1933	59.06
1719	15.09	1762	15.27	1805	15.79	1848	15.85	1891	20.92	1934	72.49
1720	15.04	1763	14.99	1806	15.52	1849	15.78	1892	23.72	1935	54.19
1721	15.05	1764	14.70	1807	15.43	1850	15.70	1893	26.49	1936	77.09
1722	15.17	1765	14.83	1808	16.08	1851	15.46	1894	.32.56	1937	77.44
1723	15.20	1766	14.80	1809	15.96	1852	15.59	1895	31.60	1938	80.39
1724	15.11	1767	14.85	1810	15.77	1853	15.33	1896	30.59	1939	88.84
1725	15.11	1768	14.80	1811	15.53	1854	15.33	1897	34.20	1940	99.76
1726	15.15	1769	14.72	1812	16.11	1855	15.38	1898	35.03	1941	99.73
1727	15.24	1770	14.62	1813	16.25	1856	15.38	1899	34.36		
1728	15.11	1771	14.66	1814	15.04	1857	15.27	1900	33.33		
1729	14.92	1772	14.52	1815	15.26	1858	15.38	1901	34.68		

NOTE.—From 1687 to 1832 the ratios are taken from Dr. A. Soetbeer, from 1833 to 1878 from Pixley and Abell's tables, from 1879 to 1896 from daily cabled prices from London to the Bureau of the Mint, from 1897 to 1914 from daily London quotations, and since from daily New York quotations.

## FOREIGN AND WORLD MONETARY STATISTICS

The statistics of foreign countries on production and coinage of gold and silver and stocks of money, published annually in the reports of the Bureau of the Mint, are obtained, so far as practicable, directly from the governments of such countries by the representatives of the United States accredited to them.

Interrogatories covering the points on which information is sought are sent yearly to the United States Ambassadors and Ministers through the Department of State, and the replies in the form of reports are forwarded directly to the Bureau of the Mint.

Receipts of replies to the interrogatories are frequently delayed in transmission, and the available data for the calendar year under review are usually incomplete. In a general way interrogatory answers are herein published as received, with the addition of equivalents. If inaccuracies are apparent, information that would warrant the making of possible corrections is often unavailable.

In the absence of dependable official returns from foreign countries, the most reliable data available are used in compiling world statistics.

### COINAGE OF NATIONS<sup>1</sup>

CALENDAR YEAR 1940

Country	Monetary unit	Silver		
		Value in monetary units named	Value of fine ounces consumed <sup>2</sup>	Fine ounces consumed
United States	Dollar	\$29,359,834	\$7,451,584	21,238,660
Arabia, Saudi	Riyal	1,000,000	120,605	343,750
British Empire:				
Australia	Pound	967,000	1,141,187	3,252,636
British Guiana	Pound	1,500	956	2,727
British India	Rupee		761,700	4,200,000
British Malaya	Dollar	2,100,000	385,935	1,100,000
Canada	Dollar	5,046,842	1,062,412	3,028,106
Cyprus Island	Pound	50,000	59,007	168,183
Fiji	Pound	1,000	638	1,818
Great Britain	Pound	5,785,065	3,690,240	10,518,000
Kenya	Pound		( <sup>3</sup> )	
New Zealand	Pound	50,000	31,895	90,909
Newfoundland	Dollar	20,000	4,866	13,870
Southern Rhodesia	Pound	220,000	259,629	740,000
Union of South Africa	Pound	802,058	818,624	2,333,260
Trade coins	Maria Theresa thaler	3,766,391	993,687	2,832,227
Colombia	Peso	45,000	11,421	32,553
Eire	Pound	190,000	181,792	518,146
France: Tunis	Franc	12,090	93	264
Iraq	Dinar		( <sup>3</sup> )	
Mexico	Peso	20,600,000	2,788,438	7,947,664
Netherlands:	Florin	35,150,000	2,904,307	8,277,916
Curaçao (West Indies)	Florin		( <sup>3</sup> )	
East Indies	Florin	15,700,000	1,279,162	3,645,894
Surinam (Guiana)	Florin		( <sup>3</sup> )	
Palestine	Pound	200,000	189,459	540,000
Portugal	Escudo	21,910,335	242,972	692,524
Rumania	Leu		771,870	4,200,000
Sweden	Krona	8,830,119	595,699	1,697,873
Switzerland	Franc		315,765	4,900,000
Turkey	Lira		315,765	4,900,000
Total			26,319,708	75,016,980

**COINAGE OF NATIONS—Continued**  
**CALENDAR YEAR 1941 (SUBJECT TO REVISION)**

Country	Monetary unit	Silver		
		Value in monetary units named	Value of fine ounces consumed <sup>3</sup>	Fine ounces consumed
United States	Dollar	\$76,120,483	\$19,325,036	55,064,926
Arabia, Saudi	Riyal			( <sup>4</sup> )
British Empire:				
Australia	Pound			( <sup>5</sup> )
British Guiana	Pound	2,000	1,276	3,636
British India	Rupee			( <sup>5</sup> )
British Malaya	Dollar	2,500,000	459,525	1,309,375
Canada	Dollar	3,392,744	714,410	2,035,646
Cyprus Island	Pouud			( <sup>5</sup> )
Fiji	Pound	5,000	3,190	9,091
Great Britain	Pound	6,067,713	3,871,752	11,032,205
Kenya	Pound	169,800	74,489	212,250
New Zealand	Pound	160,000	102,095	290,909
Newfoundland	Dollar	78,995	19,233	54,803
Southern Rhodesia	Pound	390,000	460,383	1,311,818
Union of South Africa	Pound			( <sup>5</sup> )
Trade coins	Maria Theresa thaler.	1,684,116	444,425	1,266,349
Colombia	Peso			( <sup>5</sup> )
Eire	Pound	95,000	90,928	259,001
France; Tunis	Frane	24,780	190	542
Iraq	Dinar	65,000	66,007	188,082
Mexico	Peso	1,148,000	155,439	442,009
Netherlands	Florin			( <sup>5</sup> )
Curacao (West Indies)	Florin	155,000	15,941	45,422
East Indies	Florin	18,380,250	1,882,926	5,365,226
Surinam (Guiana)	Florin	125,000	12,799	36,471
Palestine	Pound			( <sup>5</sup> )
Portugal	Eseudo	836,980	9,857	28,087
Rumania	Leu			( <sup>5</sup> )
Sweden	Krona			( <sup>5</sup> )
Switzerland	Franc			( <sup>5</sup> )
Turkey	Lira			( <sup>5</sup> )
Total			27,709,901	78,956,838

<sup>1</sup> No record of gold having been used for coinage during 1940 and 1941.

<sup>2</sup> At the average price of fine ounce of silver in New York, \$0.35085.

<sup>3</sup> At the average price of fine ounce of silver in New York, \$0.35095.

<sup>4</sup> Estimate by Handy & Harman, Annual Bullion Review, 1940.

<sup>5</sup> Information relative to coinage operations unavailable.

COIN, BOTH DOMESTIC AND FOREIGN, WITHDRAWN FROM MONETARY USE BY VARIOUS COUNTRIES OF THE WORLD DURING THE CALENDAR YEARS 1940 AND 1941

[So far as reported to the Director of the United States Mint]

Country	1940		1941 (subject to revision)	
	Gold <sup>1</sup>	Silver	Gold <sup>1</sup>	Silver
United States	\$18,208,931	Fine ounces 2,742,527	Value \$608,091	Fine ounces 2,553,809
British Empire:				
Australia	2 4,291	2 7,787		
Jamaica		1,843		1,658
Canada		2 84,710		
Gold Coast		201,818		69,091
Great Britain		2 895,718		2 504,824
Newfoundland		2,773		2 8,124
Nigeria		44,704		68,391
Sierra Leone		4,545		
Tanganyika		2 250		2 54
Union of South Africa		24,556		
Chile		2,053		
Colombia		32,553		
Costa Rica	279	8,759	147	2 5,355
Cuba		2 1,547		2 1,547
Germany		2 123,856		
Mexico		2 40,084		2 31,636
Netherlands East Indies		81,534		
Salvador		3 2,732		2 708,957
Sweden	2 64	2 308		
Total	18,213,565	4,304,657	608,238	3,953,446

<sup>1</sup> At \$35 per fine ounce of gold.

<sup>2</sup> Domestic coin only.

<sup>3</sup> Foreign coin only.

WORLD'S INDUSTRIAL CONSUMPTION OF GOLD AND SILVER DURING THE CALENDAR YEARS 1940 AND 1941

[Includes new and old bullion, domestic and foreign coin and other materials so far as reported to the Director of the United States Mint]

Country	1940		1941	
	Gold	Silver	Gold	Silver
United States	Value \$41,178,387	Fine ounces 67,062,632	Value \$67,977,110	Fine ounces 92,793,574
Bolivia				1,286
British Empire:				
Australia	201,588	34,508	(1)	(1)
British Guiana	210,000		(1)	(1)
Canada	1,090,920	1,554,682	1,400,000	2,000,000
Gambia	403	1,150	(1)	(1)
Bulgaria	168,791		(1)	(1)
Colombia		193,000	(1)	(1)
Egypt	6,001,965	647,835	7,899,990	674,102
Germany	2 40,332		(1)	(1)
Guatemala	4,250	482	5,100	514
Iceland	20,254	14,886	7,875	24,113
Mexico			337,575	650,914
Peru	151,900	482,261	213,802	707,316
Portugal			2,132,833	1,034,418
Surinam			7,230	
Sweden	1,421,223	429,309	(1)	(1)
Total	50,490,013	70,420,745	79,981,515	97,886,237

<sup>1</sup> Information not available.

<sup>2</sup> Gold delivered by the Reichsbank.

## REVISIONS, 1940 MONETARY STOCKS

Additional data relative to monetary stocks for the calendar year 1940, received from governments of countries appearing below, are for supplementation and revision of the table entitled "Monetary stock of principal countries of the world, end of calendar year 1940," published in last year's volume.

*Monetary stock of specified countries of the world, end of calendar year, 1940.<sup>1</sup>*

{Stated in United States money (000 omitted) except paper circulation, which is stated in monetary unit of issuing country (000 omitted). \$1=15 $\frac{1}{2}$  grains of gold  $\frac{1}{10}$  fine; i. e., an ounce of fine gold=\$35]

Country	Monetary unit		Gold stock (conversions to United States equivalent at legal parity)	Silver stock (United States equivalent of reported face amount at exchange rate)	Paper circulation in monetary unit of issuing country
	Name	United States equivalent			
		On gold basis as defined by laws effective Dec. 31, 1940, so far as known	At average exchange rate during December 1940		
North America:					
Mexico	Peso-----	(?)	\$0.2045	-----	\$68,998
West Indies (British): Barbados.	Dollar-----	\$1.7166	.8406	-----	672
South America: Paraguay-----	Peso-----	1.6335	.0036	-----	1,218,640
Europe:					
Eire	Pound-----	8.2397	4.0350	\$28,707	8,458
Malta and Gozo	do-----	8.2397	4.0350	444	2,400
Portugal	Eseudo-----	.0749	.0399	5,416	-----
Asia:					
Ceylon	Rupee-----	.6180	.3018	14	8,314
Palestine	Pound-----	8.2397	4.0350	5,689	9,737
Africa:					
British East Africa (Kenya, Tanganyika, Uganda, and Zanzibar). <sup>2</sup>	Shilling-----	.4120	.2017	-----	13,308
British West Africa (Gambia, Gold Coast, Nigeria, and Sierra Leone).	Pound-----	8.2397	4.0350	-----	25,509
Rhodesia, Southern	do-----	8.2397	4.0350	951	574
Somaliland, British	Ruppee-----	.6180	.3018	-----	302
Oceania:					
Australia	Ponud-----	8.2397	3.2280	-----	68,119
New Guinea	do-----	8.2397	3.2280	575	( <sup>3</sup> )
Papua	do-----	8.2397	3.2150	10	11

<sup>1</sup> For other world monetary statistics for 1940, see the *Annual Report of the Director of the Mint, Fiscal Year ended June 30, 1941*, pp. 92-104.

<sup>2</sup> Decree of Aug. 28, 1936, left the monetary unit to be later defined by law.

<sup>3</sup> For year ended June 30, 1940.

<sup>4</sup> Includes note circulation for Northern Rhodesia and Nyassaland.

<sup>5</sup> Australian notes are the circulating media.

## WORLD'S MONETARY STOCKS OF GOLD, SILVER, AND PAPER MONEY AT THE CLOSE OF THE YEAR 1941

In the past the statistics shown in this table have been compiled largely from data received from official sources. Due to present conditions it has been impossible to obtain official data from many countries and in such cases the most reliable data available have been used. Several countries have been omitted this year because of the complete lack of reliable data. It is understood that material amounts of gold are not reported by several countries, such as amounts held in secret funds for stabilizing currencies and those hoarded or held outside of regularly reported stocks. Statements showing the amount of silver in circulation, in many countries, are not available. Population figures are principally those supplied by the Bureau of Foreign and Domestic Commerce, United States Department of Commerce, and are the latest available.

*Monetary stock of principal countries of the world, end of calendar year 1941 (subject to revision)*

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted) \$1=165 $\frac{1}{2}$  grains of gold 9/10 fine; i. e., an ounce of fine gold = \$35. Population (000 omitted).

Country	Name	Monetary unit United States equivalent	Gold stock (conversions to United States equivalent at legal parity except as indicated by footnotes)			Total gold stock	Population	Paper circulation in monetary unit of issuing country	Per capita	
			At average exchange rate during December 1941 (official rate unless otherwise indicated)	In central bank, government treasuries, and earmarked abroad	Other					
			On gold basis as defined by laws effective Dec. 31, 1941, so far as known							
North America:										
United States (including Hawaii and Puerto Rico)	Dollar	1.0000	22,736,557	22,736,557		3,180,323	10,409,467	135,643	167.62	23.45
Canada	Dollar	1.6931	23,5,000	5,000		4,36,672	5,69,161	11,420	.44	76.74
Mexico	Peso	(6)	20,56	7,46,975	7,239	47,214	563,135	20,000	2.36	3.34
Newfoundland	Dollar	1.6931	1.6931	334		1,936	(8)	300	1.11	28.16
Central America and West Indies:	Dollar	1.6931	1.0000			195	340	61	6.45	(8)
British Honduras									3.20	5.57



Monetary stock of principal countries of the world, end of calendar year 1941 (subject to revision)—Continued

Stated in United States money (000 omitted), except paper circulation, which is stated in monetary unit of issuing country (000 omitted) \$1 = 15 $\frac{1}{2}$  grains of gold ½ fine; i.e., an ounce of fine gold = \$35. Population (000 omitted).

Country	Monetary unit	Gold stock (conversions to United States equivalent as indicated by footnotes)			Population	Per capita		
		United States equivalent	On gold basis as defined by laws effective Dec. 31, 1941, so far as otherwise indicated	At average exchange rate during December 1941 (official rate unless otherwise indicated)		Paper circulation in monetary unit of issuing country	Gold	Silver
Asia:								
British India	Rupee	6180	.3013	274,392	3,356,000	71	8,63	
Iran	Rial	.0824	.0286	25,625	1,850,000	2,14	154.17	
Netherlands East Indies	Guilder			3 235,000	( <sup>a</sup> )	3,31	( <sup>b</sup> )	
Palestine	Pound	8,2397	4.0350		5,084	12,285	3.21	7.75
Syria and Lebanon	Pound	( <sup>c</sup> )				1,585		26.83
Turkey	Plaster	.0744				3,500		
Africa:								
Algeria and Tunis	Franc	( <sup>d</sup> )				17,858	5.15	28.64
British East Africa (Kenya, Tanganyika, Uganda and Zanzibar)	Shilling	.4120	.2017					
British West Africa (Gambia, Coast, Nigeria, Sierra Leone)	Pound	8,2397	4.0350					
Egypt	Pound	\$ 3532	4.1714	3 52,000				
Morocco	Franc	( <sup>e</sup> )	.0228					
Nyasaland	Pound	8,2397	4.0350					
Portuguese East Africa	Escudo	.0749						
Rhodesia, Southern	Pound	8,2397	4.0350					
Somaliland, British	Pound	.6180	.3013					
Southern Africa	Pound	8,2397	3.9800					
Union of South Africa	Pound	8,2397	3.9800	3 366,000	( <sup>f</sup> )			2.77

Oceania:																				
Australia		Pound	8,2397	3,2280	(8)															
Fiji		Pound	8,2397	3,2278	(8)															
New Zealand		Pound	8,2397	3,2278	3,23,000	(8)														
Total <sup>13</sup>																				

1 Includes any paper currency held outside the continental limits of the United States.

2 Gold held by the Minister of Finance.

3 Reported Federal Reserve Bulletin, October 1942.

4 Net issues of silver coin.

5 Includes notes held by the chartered banks.

6 So far as known monetary unit was not defined by law on a gold basis on Dec. 31, 1941.

7 Conversion at \$35 per fine ounce.

8 Data not available.

9 Average exchange rate for 1941.

10 Average free exchange rate for 1941.

11 Prior year's figure.

12 United States coin and currency also circulate.

13 United States currency is circulating media.

14 Reported amount valued at 70 colons per fine ounce (United States equivalent 0.50).

15 Under decree of June 21, 1941, holdings of Central Bank are valued at Bs 46 to \$1 (United States equivalent \$0.0217).  
16 Revaluation of June 4, 1940, at 0.0602 gram fine gold per sucре (United States equivalent \$0.06774).

17 Includes minor coin.

18 Includes population of Dobrudja province annexed from Rumania in September 1940.

19 As of October 1941, reported Federal Reserve Bulletin, April 1942.

20 Reported in the Bankers Magazine, May 1942.

21 Includes population of Transylvania annexed from Rumania in August 1940.

22 As of September 1941; reported Federal Reserve Bulletin, April 1942.

23 As of November 1941; reported Federal Reserve Bulletin, April 1942.

24 Reported Federal Reserve Bulletin, July 1942.

25 1 Syro-Lebanese pound equal to 20 francs (Fighting French).

26 Converted from South African pounds.

27 Includes 676,008 Company of Mozambique pounds converted to escudos at 110 to the pound.

28 Includes notes in circulation in Northern Rhodesia.

29 Reported Federal Reserve Bulletin, April 1942.

30 Conversion at rate of £11 Fiji to £100 Sterling

31 Totals omitted due to the great number of instances in which data are not available.

WORLD PRODUCTION OF GOLD AND SILVER

Calendar Year 1941

Country	Gold			Silver			Silver		
	Kilos fine	Ounces fine	Value \$35 per ounce	Kilos fine	Ounces fine	Value \$0.35095 per ounce	Kilos fine	Ounces fine	Value \$0.35095 per ounce
North America:									
United States	151,256	4,862,979	\$170,204,265	2,123,949	68,286,535	\$23,958,331	150,295	4,832,087	\$169,123,045
Canada	165,195	5,311,145	185,890,075	741,313	23,833,763	8,362,076	165,263	5,345,480	210,709
Mexico	31,112	1,000,274	35,009,590	2,570,392	640,010	28,994,247	28,718	923,295	675,408
Newfoundland	678	1,21,786	762,510	46,471	1,494,077	524,197	1,21,194	659	32,315,325
Total	348,241	11,196,184	391,866,440	5,482,125	176,254,385	61,838,851	345,935	11,122,056	747,392
Central America and West Indies	8,936	2 287,296	10,055,360	143,076	2 4,600,000	1,613,910	9,953	2 320,000	38,951
South America:									
Argentina	400	12,860	450,100	100,844	3,242,200	1,137,526	584	18,776	657,160
Bolivia	4,366	1,767	411,815	4,175,000	5,626,350	1,974,015	4,254	8,166	285,810
Brazil	5,8,221	264,311	9,250,885	768	1,24,694	8,604	8,087	3 260,000	9,100,000
Chile	10,663	342,823	11,998,805	48,879	1,571,496	551,359	8,192	263,366	658
Colombia	19,655	631,927	22,117,445	8,096	260,310	91,330	9,217,810	38,366	1,233,495
Ecuador	1,617	1,52,942	1,852,970	3,266	3 105,000	36,839	2,185	20,404	22,960,665
Guyana:									
British	1,026	33,000	1,155,000	-----	-----	-----	1,026	6 33,000	1,155,000
French	1,214	740,000	1,400,000	-----	-----	-----	1,244	6 40,000	1,400,000
Peru	8,663	278,521	9,748,235	302,353	19,366,096	6,794,595	8,870	285,177	9,981,195
Surinam	479	715,400	539,000	-----	539,000	-----	479	6 15,400	539,000
Uruguay	55	1,762	61,670	-----	-----	-----	42	1,364	47,740
Venezuela	4,566	146,800	5,138,000	-----	-----	-----	4,056	130,403	4,564,105
Total	56,985	1,832,113	64,123,955	939,206	30,196,176	10,594,328	55,424	1,781,935	62,367,725
Europe:									
Bulgaria	280	9,002	315,070	(6)	251,933	(6)	88,391	(6)	(6)
Czechoslovakia	9 282	9,067	317,345	9 7,836	(6)	(6)	(6)	(6)	(6)
Finland	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
France	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Germany	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Great Britain	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Greece	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Hungary	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)	(6)
Total								28,102,583	9,862,602

	(5)	(6)	(7)	(8)	(9)	(10)
Norway						
Holland	296	9,517	333,095	1,077	34,626	12,149
Portugal	4,067	130,757	4,576,495	15,558	500,204	175,497
Rumania	467	1,15,000	525,000	23,328	7,750,000	263,137
Spain	6,485	7,208,500	7,291,500			
Sweden	45	6,1,447	50,645			
Switzerland						
Union of Socialist Soviet Republics <sup>10</sup>	124,414	74,000,000	140,000,000	217,724	17,000,000	2,455,950
Yugoslavia	2,333	3 75,000	2,625,000	(8)	(8)	(8)
Total	144,009	4,630,000	162,050,000	528,759	17,000,000	5,964,450
Asia:						
British India <sup>11</sup>	289,357	10,127,495	192,064	6,175,000	2,166,499	8,894
British Malaya States; Federated and Nonfederated	1,135	36,500	1,277,500			
China	11,726	12,277,000	13,195,000	4,665	3,150,000	52,627
Chosen (Korea)	31,881	1,025,000	35,875,000	98,310	6,000,000	1,052,550
Cyprus Island	424	1,13,621	476,735	1,815	1,58,311	20,469
Indochina	250	8,038	281,330	54	1,736	609
Japan	27,933	7,900,000	31,500,000	342,138	111,000,000	3,859,350
Netherlands East Indies	2,797	89,942	3,147,970	46,847	1,506,166	528,438
Philippine Islands	35,462	1,140,126	39,904,410	40,410	1,299,199	455,824
Sarawak	386	12,410	434,350			
Taiwan	1,555	3 50,000	1,750,000			
Thailand	396	1,12,717	445,095	17,885	6,575,000	201,739
Turkey						
Total	123,005	3,954,711	138,414,885	23,765,442	8,338,105	121,304
Oceania:						
Australia:						
New South Wales	3,118	100,255	3,508,925	283,353	79,110,000	3,196,243
Northern Territory	697	22,423	784,805		1,210,783	2,740
Queensland	3,945	126,831	4,439,085	107,338	73,451,000	697
South Australia	3,102	3,270	114,450	86	7,2,759	3,945
Tasmania	596	19,171	670,985	38,631	71,212,000	435,756
Victoria	5,616	180,567	6,319,845	202	6,500	2,280
West Australia	37,059	1,191,482	41,701,870	8,545	1,274,741	6,393
Fiji	3,463	111,338	3,996,830	716	8,545	34,503
New Guinea	9,169	294,795	10,317,825	6,192	193,084	6,077
Papua	1,089	135,000	1,225,000		415,330	6,498,275
New Zealand	5,775	185,665	6,498,275	12,918	145,719	5,775
Total	70,630	2,270,797	79,477,895	457,981	14,724,425	5,166,065
Africa:						
Algeria						
Dschaharolon <sup>12</sup>	500	16,250	52,200	24	(5,000)	(5,000)

See footnotes at end of table.

## WORLD PRODUCTION OF GOLD AND SILVER—Continued

Country	Calendar year 1940				Calendar year 1941			
	Gold		Silver		Gold		Silver	
	Kilos fine	Ounces fine	Value \$35 per ounce	Kilos fine	Ounces fine	Value \$35 per ounce	Kilos fine	Ounces fine
Africa—Continued								
Belgian Congo	17,045	548,000	\$19,180,000	110,000	3,536,582	\$1,240,810	(8)	(8)
British West Africa:								
Gold Coast	27,568	1,886,326	31,021,410	(8)	(8)	(8)	(8)	(8)
Nigeria	7,979	25,617	896,595	(8)	(8)	(8)	(8)	(8)
Sierra Leone	1,016	32,676	1,143,660	(8)	(8)	(8)	(8)	(8)
Egypt	228	7,344	257,040	(8)	(8)	(8)	(8)	(8)
Ethiopia								
French Equatorial Africa								
French West Africa	4,199	7,135,000	4,725,000	(8)	(8)	(8)	(8)	(8)
Kenya	2,403	2,743	2,703,505	424	13,626	4,781	2,271	7,73,000
Liberia	124	4,000	140,000	(8)	(8)	(8)	(8)	(8)
Madagascar	435	6,14,000	490,000	(8)	(8)	(8)	(8)	(8)
Morocco (French)								
Portuguese East Africa	356	11,432	400,120	59	1,901	667	342	385,000
Rhodesia:								
Northern	174	5,602	196,070	10	312	109	(8)	(8)
Southern	25,707	826,485	28,926,975	5,788	186,079	65,286	24,585	790,442
Southwest Africa	42	1,358	47,530	14,308	3,460,000	161,391	9	1,304
Sudan	205	6,606	231,210	(8)	(8)	(8)	(8)	(8)
Swaziland	33	1,070	37,450	(8)	(8)	(8)	(8)	(8)
Tananyika	4,419	142,074	4,972,590	1,143	36,748	12,593	4,489	144,312
Tunis								
Uganda	369	11,870	415,450	6,1,866	60,000	21,051	296	332,675
Union of South Africa	436,895	14,046,502	491,627,570	40,194	1,292,284	1,015	356	14,386,361
Total	525,524	16,896,000	591,360,000	185,688	5,970,000	2,094,575	531,870	17,100,000
Total for the world	1,277,330	41,067,101	1,437,348,535	8,476,023	272,510,428	95,610,284	1,254,472	40,332,204

<sup>1</sup> U. S. Bureau of Mines.<sup>2</sup> Partly estimated.<sup>3</sup> Yearbook of American Bureau of Metal Statistics.<sup>4</sup> Exports.<sup>5</sup> Purchases by Central Bank.<sup>6</sup> Prior year's figure.<sup>7</sup> Mint Bureau estimate.<sup>8</sup> Data not available. Estimate included in total.<sup>9</sup> Production of Slovaks Metallurgical Works.<sup>10</sup> Includes production of territory in Asia.<sup>11</sup> Includes Burma.<sup>12</sup> Estimate of Ministry of Economic Affairs of the Chinese National Government.

*Production of gold and silver in the world since the discovery of America*

[From 1493 to 1885 is from a table of averages for certain periods, compiled by Dr. Adolph Soetbeer; for the years since, the production is the annual estimate of the Bureau of the Mint.]

Period	Gold			Silver			Percentage of production			
	Annual average for period		Total for period	Annual average for period		Total for period	By weight		By value	
	Fine ounces	Value	Fine ounces	Value <sup>1</sup>	Fine ounces	Commercial value <sup>2</sup>	Fine ounces	Commercial value <sup>2</sup>	Gold	Silver
1493-1520										
1521-1534	186,470	\$3,855,000	5,221,160	\$107,931,000	1,511,050	\$2,085,249	42,309,400	\$58,286,972	11.0	89.0
1535-1560	230,194	4,759,000	5,524,656	114,205,000	2,899,930	4,001,903	69,598,320	96,045,682	7.4	92.6
1561-1580	273,596	5,656,000	4,377,544	90,492,000	10,017,940	13,824,757	160,287,040	221,196,115	2.7	97.3
1581-1600	219,906	4,546,000	4,398,120	90,917,000	9,628,925	13,287,916	192,575,500	265,758,330	2.2	97.8
1601-1620	237,267	4,905,000	4,745,340	98,095,000	13,467,635	18,585,336	269,352,700	371,706,726	1.7	98.3
1621-1640	273,918	5,662,000	5,478,360	113,248,000	13,596,235	18,762,804	375,256,086	580,027,521	2.0	98.0
1641-1660	261,845	5,516,000	5,336,900	110,324,000	12,654,240	17,462,851	253,084,800	349,027,024	2.1	97.9
1661-1680	281,955	5,828,000	5,639,110	116,571,000	11,776,545	16,251,632	235,530,600	325,082,642	2.3	97.7
1681-1700	207,709	6,154,000	5,954,180	123,084,000	10,834,550	14,951,679	216,691,000	298,033,580	2.7	97.3
1701-1720	346,095	7,154,000	6,921,895	143,088,000	10,992,085	15,169,077	219,841,700	303,381,546	3.1	96.9
1721-1740	412,163	8,520,000	8,243,260	170,403,000	11,432,540	15,533,382	228,650,800	310,667,842	3.5	96.5
1741-1760	613,422	12,268,440	12,681,000	253,611,000	13,863,080	18,988,261	277,261,600	379,755,214	4.2	95.8
1761-1780	791,211	16,356,000	15,824,230	17,140,600	17,140,612	24,032,852	247,621,235	496,637,035	4.4	95.6
1781-1800	665,066	13,761,000	13,313,315	275,211,000	20,985,591	29,465,808	419,711,820	589,317,366	3.1	96.1
1801-1810	571,948	11,823,000	11,488,970	236,464,000	28,261,779	38,712,985	565,235,580	774,259,697	2.0	98.0
1811-1820	571,563	11,815,000	5,715,627	118,520,000	28,746,922	29,070,986	287,469,225	380,709,861	1.9	98.1
1821-1830	367,957	5,606,000	3,679,568	76,063,000	17,385,755	23,204,758	173,857,555	232,047,679	2.1	97.9
1831-1840	457,644	9,448,000	4,570,444	94,479,000	14,807,004	19,373,750	148,070,040	193,737,801	3.0	97.0
1841-1850	652,291	13,484,000	6,522,913	134,401,000	19,150,867	26,606,656	191,482,675	251,606,656	3.3	96.7
1851-1855	1,700,502	36,393,000	17,605,018	363,928,000	25,090,342	32,755,441	250,903,422	327,554,443	6.6	93.4
1856-1860	6,410,324	132,513,000	32,631,621	662,566,000	28,488,597	38,191,813	142,442,986	190,939,667	18.4	81.6
1861-1865	6,386,262	134,033,000	32,431,312	670,415,000	29,095,428	35,296,285	145,477,142	196,481,427	18.2	81.8
1866-1870	5,949,582	122,359,000	29,747,913	614,941,000	35,401,972	47,488,205	174,009,862	237,441,028	14.4	85.6
1871-1875	5,270,882	129,614,000	31,350,430	648,171,000	43,501,583	57,224,164	215,257,914	286,120,819	12.7	87.3
1876-1880	5,591,014	115,577,000	27,955,068	577,883,000	63,317,014	81,887,894	316,585,069	409,439,469	8.1	91.9
1881-1885	5,633,110	114,586,000	27,715,550	572,981,000	78,775,002	91,198,514	393,878,000	455,992,571	6.6	93.4
1886-1890	4,794,755	99,116,000	23,973,773	495,582,000	92,003,944	102,161,180	460,019,722	510,805,899	5.0	95.0
1891-1895	7,852,665	162,947,000	27,306,411	564,474,000	106,911,131	106,624,291	544,557,155	533,121,454	4.8	95.2
1896-1900	12,446,339	257,301,100	62,234,698	1,286,505,400	165,693,304	102,448,170	828,466,522	512,240,850	7.0	93.0

<sup>1</sup> Valued, prior to 1934, at \$20.67+ per fine ounce; 1934 and thereafter, at \$35 per fine ounce.

<sup>2</sup> Valued, prior to 1701, at \$1.38 per fine ounce, which corresponds with a commercial ratio of silver to gold of approximately 15 to 1, the ratio which prevailed for over 100 years subsequent to 1687, as per tabulation elsewhere in this volume. From 1701 to 1840 the value corresponds with the average ratios of silver to gold as per the tabulation elsewhere in this volume. From 1841 the annual averages per fine ounce in London are used except for the years 1915 to 1921, and 1931 to 1941, when New York prices are used. Tabulations of silver quotations appear elsewhere in this volume.

*Production of gold and silver in the world since the discovery of America—Continued*

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